Supplementary Information

Deep Learning Accelerated High-throughput Screening of Organic Solar Cells

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Contents

Corresponding forward propagation formula of the deep learning models.

The Graph Convolutional Layer (GCN)[1] can be interpreted as a type of "convolution operation" over graph structures. The formula for graph convolution is given as:

$$h^{(l+1)}_i = \sigma\left(b^{(l)} + \sum_{j \in N(i)} \frac{1}{c_{ji}} h^{(l)}_j W^l \right) \#S1$$

where $N(i)$ represents the set of neighbors of node i, c_{ji} is the normalization factor calculated as the square root product of the node degrees, σ refers to the activation function of the convolutional layer, $h^{(l)}_j$ represents the l-th hidden layer feature of neighboring nodes, and $W^{(l)}$ is the learnable weight matrix. For graphs with edge features, the graph convolution incorporates the edge weight e_{ij}, as described by the following formula:

$$h^{(l+1)}_i = \sigma\left(b^{(l)} + \sum_{j \in N(i)} \frac{e_{ji}}{c_{ji}} h^{(l)}_j W^l \right) \#S2$$

In Graph Attention Networks (GAT)[2], the core of the graph convolution lies in its attention mechanism, which calculates the similarity between each node and its neighbors to assign different attention weights. These weights are then combined with the node's eigenvectors to derive an updated representation of the node. The update rules for the graph attention layer can be expressed as:

$$h^{(l+1)}_i = \sum_{j \in N(i)} \alpha_{i,j} W^{(l)} h^{(l)}_j \#S3$$

where $\alpha_{i,j}$ represents the attention score between node i and node j, and $W^{(l)}$ is the learnable weight matrix. Similarly, in order to incorporate edge features into the node features of the graph attention mechanism, Kamiński et al.[3] define edge feature aggregation as follows:

$$e_{ij} = \vec{F}\left(f'_{ij}\right) \#S4$$

$$f'_{ij} = LeakyReLU\left(A\left[h_i \| f_{ij} \| h_j\right]\right) \#S5$$

Here, f'_{ij} refers to the edge feature, A is the weight matrix, $\vec{F}$ represents the weight vector, and $\|$ denotes concatenation. After aggregating the edge features, the node features are generated and updated using the conventional GAT method.

The Graph Isomorphism Network (GIN)[4] aggregates the representations of neighboring nodes through summation. The convolution operator formula[4] for GIN is as follows:

$$h^{(l+1)}_i = f_\Theta\Big((1+\epsilon)h^l_i + aggregate\big(\{h^l_i, j \in N(i)\}\big)\Big) \#S6$$

where $aggregate(\cdot)$ represents the aggregation operation, which can be selected from options such as "sum," "max," or "mean." The ϵ value is a constant that can be added. Graph isomorphic networks that incorporate edge features[5] can be described by the following equation:

$$h^{(l+1)}_i = f_\Theta\Bigg((1+\epsilon)h^l_i + \sum_{j \in N(i)} ReLU\big(h^l_j + e^l_{j,i}\big)\Bigg) \#S7$$

In Message Passing Neural Networks (MPNN)[6], a neural network encodes the characteristic information of the node itself and its neighbors. The formula is as follows:

$$h^{(l+1)}_i = h^l_i + aggregate\big(\{f_\Theta(e_{ij}) \cdot h^l_i, j \in N(i)\}\big) \#S8$$

The interaction layer to simulate donor-acceptor interactions[7] as follows:

$$I_r = \tanh\left(F_{don}, F_{acc}, D_r\right)W_r \#S9$$

Where r represents the r-th space bucket. D_r is the distance, W_r is the weight information output of the distance self-feedback module, and F_{don} and F_{acc} are the embedding features of the donor and the acceptor, respectively.

In general, the choice of convolution operator can significantly affect performance on different tasks due to the varying aggregation methods used for neighboring nodes. Therefore, it is essential to analyze the task at hand and determine which aggregation method best aligns with the specific characteristics of the task or objective.
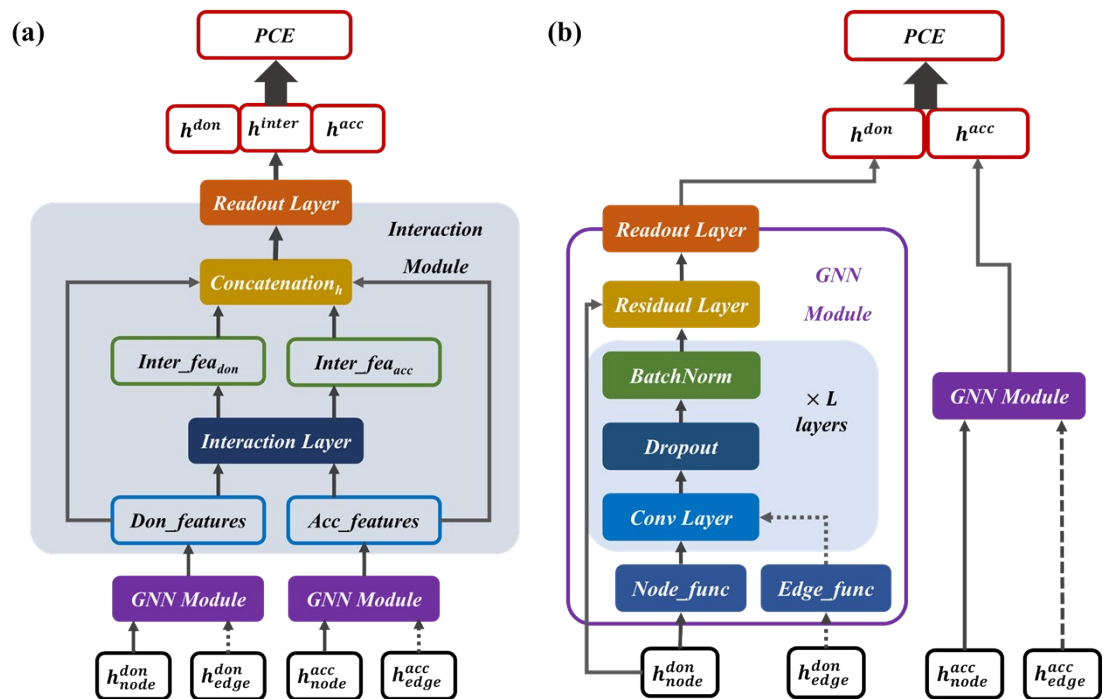
Figure S1. General architectures of graph neural network frameworks for PCE prediction: (a) with interaction module and (b) without interaction module.
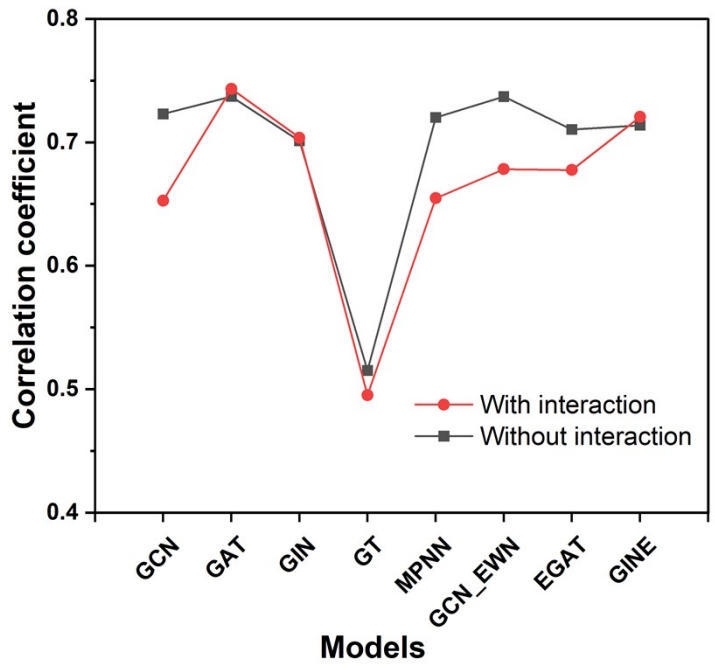
Figure S2. Performance Comparison of DL Models with and without interaction effects.
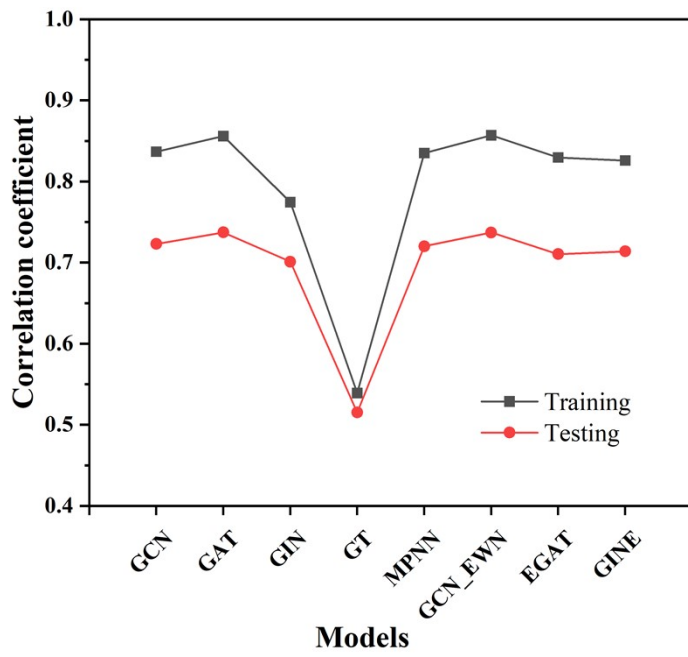
Figure S3. Performance Comparison of DL Models while training and testing.
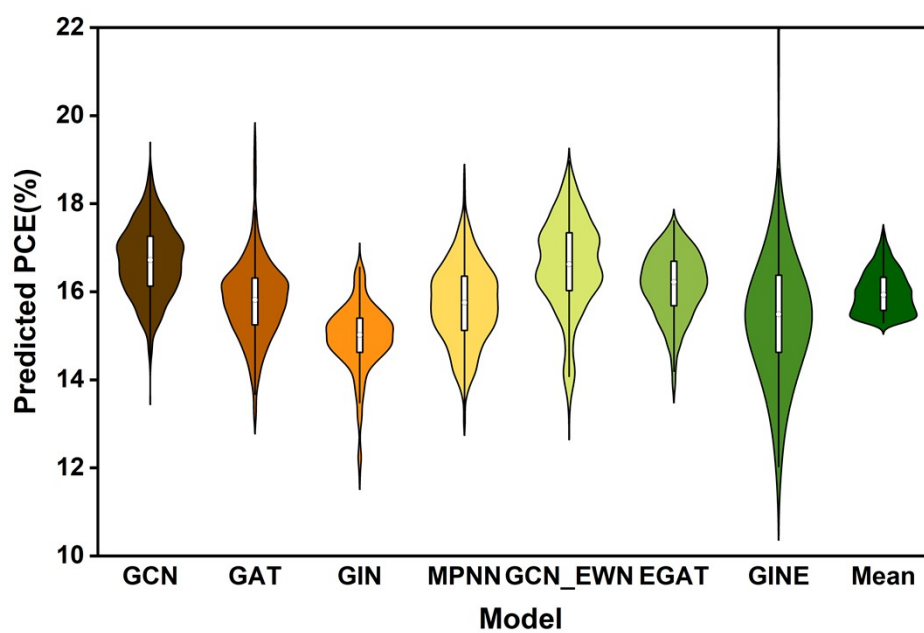
Figure S4. The violin plots of predicted ranges by different DL Models in the virtual dataset.

Table S1. The setting of hyperparameters of DL models.

Models	batch_size	n_hidden	n_layers	Dropout_rate	Activation Function
Test values	8, 16, 32, 64	64, 128, 256	2, 3, 4	0.5	ReLU
GCN	16	128	3	0.5	ReLU
GAT	16	128	2	0.5	ReLU
GIN	16	128	3	0.5	ReLU
GT	16	128	2	0.5	ReLU
MPNN	16	128	3	0.5	ReLU
GCN_EWN	16	128	3	0.5	ReLU
EGAT	16	128	3	0.5	ReLU
GINE	16	128	2	0.5	ReLU

Table S2. The training predication performance of DL models.

Models	MAE	RMSE	r
GCN	1.537	2.110	0.837
GAT	1.461	1.986	0.856
GIN	1.872	2.462	0.774
GT	2.489	3.253	0.539
MPNN	1.543	2.108	0.835
GCN_EWN	1.480	2.019	0.857
EGAT	1.556	2.148	0.830
GINE	1.577	2.158	0.826

Table S3. The setting of hyperparameters of DL models with interaction.

Models	batch_size	n_hidden	n_layers	Dropout_rate	Activation Function
Test values	8, 16, 32, 64	64, 128, 256	2, 3, 4	0.5	ReLU
GCN	16	128	3	0.5	ReLU
GAT	16	128	3	0.5	ReLU
GIN	16	256	3	0.5	ReLU
GT	16	128	2	0.5	ReLU
MPNN	16	128	3	0.5	ReLU
GCN_EWN	16	128	3	0.5	ReLU
EGAT	16	128	3	0.5	ReLU
GINE	16	128	2	0.5	ReLU

Table S4. Comparison of time consumption for calculating descriptors*.

Descriptors	Process time (s)	
	Training set (n=848)[a]	Test set (n=212)[a]
RDKit	120.95	29.52
Mordred	2237.21	558.22
Graph Preparation	85.96	23.46

[a]n represents number of processed D/A pairs.

*These computational tasks were executed on a workstation featuring dual-socket Intel Xeon 6230R CPUs and an NVIDIA GeForce RTX 3090 GPU.

Table S5. The comparison between device performances and their corresponding predicted PCEs in other studies.

Donor	Acceptor	Predicted PCE(%)	Reported PCE(%)	Percentage error	Reference
SM1	PC71BM	5.94	4.29	27.78%	[8]
SM2	PC71BM	6.83	5.19	24.01%	
SM3	PC71BM	5.74	4.27	25.61%	
SM4	PC71BM	5.34	5.44	-1.87%	
SM4	Y6	12.01	11.35	5.50%	
PTB7-Th	ITIC	8.09	6.52	19.41%	[9]
PBDB-T	ITIC	8.43	9.96	-18.15%	
PM6	IT-4F	13.4	10.44	22.09%	
PM6	Y6	16.39	15.23	7.08%	

Table S6. Manually collected datasets from the literature.

Sr. No.	Donor	Acceptor	PCE	DOI
1	D18	L8-BO	19.05	10.1002/adma.202204718
2	PBDB-TF	L8-BO	18.77	10.1002/ange.202110550
3	D18	N3	18.56	10.1088/1674-4926/42/1/010502
4	D18	Y6	18.22	10.1088/1674-4926/42/1/010502
5	PBDB-TF	BTP-eC9	17.8	10.1002/adma.201908205
6	PTQ10	m-BTP-C6Ph	17.74	10.1007/s11426-021-1114-3
7	PM6	Y6	17.72	10.1002/ange.202202177
8	P5T-2F	eC9	17.7	10.1021/acsmaterialslett.1c00328
9	PBQx-TF	eC9-2Cl	17.7	10.1002/adma.202102420
10	D18	Y6-Se	17.7	10.1021/jacs.0c08557
11	PBDB-TF	BTP-4Cl	17.7	10.1002/anie.202102622
12	PBDB-TF	BTP-S9	17.56	10.1038/s41467-021-24937-5
13	PBDB-TF	A-WSSe-Cl	17.51	10.1002/anie.202104766
14	PTQ10	Y6	17.13	10.1007/s11426-021-1114-3
15	PTQ10	p-BTP-C6Ph	17.1	10.1039/D0EE03506H
16	PBDTT1Cl	Y18-1F	17.1	10.1002/adma.202105483
17	PBCT-2F	Y6	17.1	10.1039/D1EE01957K
18	PBDB-TF	CH1007	17.08	10.1021/jacs.0c07083
19	PBDB-TF	BTP-2F-ThCl	17.06	10.1016/j.joule.2020.03.023
20	PBDB-T-2Cl	Y6	17.037	10.1007/s11426-019-9669-3
21	PBDB-TF	SY1	16.83	10.1002/adfm.202000456
22	PBDB-TF	BTP-ClBr	16.82	10.1002/aenm.202002649
23	PBDB-T	LL3	16.82	10.1002/adfm.202103445
24	PM6	Y6-1O	16.81	10.1021/acs.chemmater.2c02851
25	PM6	BT-BO-L4F	16.81	10.1002/aenm.202102172
26	SZ5	BPT-4F	16.8	10.1021/acsenergylett.0c01688
27	PBDB-TF	BTP-PhC6	16.7	10.1016/j.nanoen.2020.105087
28	PBDB-TF	BP5T-4F	16.7	10.1002/aenm.202003177
29	PBDB-TF	AQx-2	16.64	10.1002/adma.201906324
30	PBDB-TF	Y6-O	16.6	10.1039/D0TA10953C
31	PBDB-TF	Y11	16.54	10.1038/s41566-019-0573-5
32	PM6	Y18	16.37	10.1007/s11426-020-9747-9
33	PBDB-TF	BTP-S2	16.37	10.1002/adma.202001160
34	PTQ11	TPT10	16.32	10.1021/jacs.9b09939
35	PBDB-TF	BTIC-2Cl-yCF3	16.31	10.1002/ange.202013053
36	SZ5	BPS-4F	16.3	10.1021/acsenergylett.0c01688
37	PM6	TPT10	16.26	10.1039/d0ta04941g
38	PBDB-TF	SY3	16.23	10.1002/adfm.202000456
39	D16	Y6	16.22	10.1016/j.scib.2019.10.002
40	W1	Y6	16.16	10.1016/j.scib.2019.11.030
41	PBDB-TF	Y6-Se	16.02	10.1039/D0TA06658C
42	P2F-EHp	BTPTT-4F	16.02	10.1007/s11426-019-9457-5

43	PBDB-TF	S-WSeSe-Cl	16.01	10.1002/anie.202104766
44	PBDB-TF	SY2	16.01	10.1002/adfm.202000456
45	PTQ10	o-BTP-PhC6	16	10.1039/D0EE03506H
46	PM6	Y6-BO	16	10.1002/anie.202016265
47	PBDB-TF	BTN-4F	15.82	10.1002/sstr.202000052
48	PBDB-TF	HDO-4Cl	15.6	10.1039/D0QM00633E
49	PBDB-TF	BTIC-CF3-y	15.59	10.1016/j.joule.2020.02.004
50	PBDB-TF	BTP-ClBr2	15.54	10.1002/aenm.202002649
51	PBDB-TF	DTTC-4Cl	15.42	10.1039/C9TA12605H
52	PBDB-T-2Cl	TPIC-4Cl	15.4	10.1002/solr.202000250
53	PBDB-TF	Y22	15.4	10.1039/D0TA01636E
54	PBDB-TF	BTP-2Cl-delta	15.4	10.1021/acsami.0c16389
55	PTQ10	BTP-Se	15.3	10.1016/j.cej.2022.135998
56	B1	BO-4Cl	15.3	10.1007/s40843-020-1269-9
57	BTR-Cl	BTP-FCl-FCl	15.3	10.1002/advs.202004262
58	PBDB-TF	BTP-6F	15.3	10.1002/anie.201915030
59	P_chen	Y18-1D	15.25	10.1039/D0SE01343A
60	PBDB-TF	M34	15.24	10.1002/anie.202007907
61	PBDB-TF	BDTP-4F	15.24	10.1002/smll.202001942
62	PBDB-T	BTTPC-Br	15.22	10.1039/C9TA11285E
63	Qx-12F	Y6	15.21	10.1039/D1TA01500A
64	PBDB-TF	BTP-S1	15.21	10.1002/adma.202001160
65	PBDB-TF	A4T-16	15.2	10.1038/s41467-021-25394-w
66	TPD-3	Y6	15.2	10.1002/aenm.202102648
67	PBDB-TF	ABP4T-4F	15.2	10.1002/aenm.202003177
68	PBDB-T-SF	Y6	15.18	10.1039/C9MH00844F
69	PBDB-T	LL4	15.18	10.1002/adfm.202103445
70	PBDB-T	H2	15.12	10.1002/anie.202006081
71	PTzBI-oF	PFA1	15.11	10.1021/acsenergylett.0c02053
72	PBDB-TF	BTCT-2Cl	15.1	10.1021/acs.chemmater.0c01245
73	PBDB-TF	FO-2F	15.05	10.1039/D0TA03087B
74	PBDB-TF	IPTBO-4Cl	15	10.1039/D0TA00651C
75	PBDB-TF	IPT-4F	14.96	10.1039/D0TA00651C
76	PBDB-TF	Y6-2Se	14.94	10.1039/D0TA06658C
77	PBDB-T	Y14	14.92	10.1039/C9QM00499H
78	PBDB-T-2Cl	TPIC-4F	14.9	10.1002/solr.202000250
79	J52	NoCA-5	14.82	10.1002/anie.202106753
80	PBDB-T	PY5-BTZ	14.82	10.1021/acs.chemmater.1c02302
81	PM6	PTIC-4Cl	14.81	10.1021/acsami.1c02652
82	PBB-Cl	IT-4F	14.8	10.1039/D0TA04734A
83	PBDB-TF	M4	14.75	10.1039/D0TA09352C
84	PTO2	IT-4F	14.7	10.1021/jacs.8b12937
85	PBB-F	IT-4F	14.7	10.1039/D0TA04734A
86	PBDB-TF	TPQx-6F	14.62	10.1039/D0QM00034E

87	PBDB-TF	BTP-ClBr1	14.56	10.1002/aenm.202002649
88	J52	BN-2F	14.53	10.1002/ange.202100390
89	PBDB-T	BTTPC	14.51	10.1039/C9TA11285E
90	PM6	BTTPC-Br	14.46	10.1002/adfm.202108614
91	PM6	TB-4Cl	14.45	10.1021/acsami.1c02652
92	PBBSe-Cl	Y6	14.44	10.1021/acs.macromol.0c00405
93	J101	ZITI	14.43	10.1039/C9TA03272J
94	PBDB-T-2Cl	IT-4F	14.4	10.1002/adma.201800868
95	PBDB-T	PJ1-H	14.4	10.1016/j.nanoen.2020.104718
96	PBDB-T	LL3-2Cl	14.4	10.1002/adfm.202103445
97	H31	Y6	14.4	10.1021/acsami.3c14992
98	ZR1	Y6	14.34	10.1038/s41467-019-13292-1
99	PBDB-T	PYTT-2	14.32	10.1021/acs.chemmater.0c04253
100	PBDB-TF	IDST-4F	14.3	10.1016/j.nanoen.2020.104861
101	PDTB-EF-T	IT-4F	14.2	10.1021/jacs.8b02695
102	PbiTPD	Y6	14.2	10.1021/acsenergylett.9b02842
103	PBDB-T	BTP-Se	14.2	10.1016/j.cej.2021.132830
104	PBDE-DFDT	IT-4F	14.16	10.1021/acs.chemmater.9b04971
105	PBDB-T	Y5	14.1	10.1002/adma.201807577
106	PBDB-T-SF	NCBDT-4Cl	14.1	10.1007/s11426-018-9334-9
107	SM1-F	Y6	14.07	10.1002/adma.201908373
108	PBDB-TF	BTIC-BO-4Br	14.03	10.1002/advs.201903784
109	PBDB-T	IPT2F-TT	14.02	10.1002/adfm.202006141
110	PE4	Y6	14.02	10.1021/acs.macromol.9b01233
111	PBDB-T	IPT-2F	14	10.1021/acsami.0c19700
112	PBTA-PSF	ITIC	13.91	10.1002/solr.201900005
113	PBDB-TF	DTTC-4F	13.89	10.1039/C9TA12605H
114	TPD-3F	IT-4F	13.84	10.1039/C7TA10374C
115	PTB7-Th	Coi8DFIC	13.8	10.1016/j.joule.2018.11.023
116	PBDB-TF	PIST-4F	13.8	10.1002/cjoc.202100323
117	PBDB-TF	BTSe-4F	13.79	10.1002/sstr.202000052
118	PBDB-TF	TSeTIC	13.71	10.1039/C9TA08328F
119	PBDB-TF	IT-4F	13.7	10.1021/acsami.0c05172
120	PBT1-C	IDTT-C8-TIC	13.7	10.1038/s41467-020-19853-z
121	PBDB-TF	IT-M	13.7	10.1002/adma.201707170
122	PTB7-Th	AOIC	13.7	10.1021/jacs.9b08988
123	BSFTR	Y6	13.69	10.1002/adma.201904283
124	PBDB-T-2Cl	BDSePhCl	13.68	10.1039/C9TA03177D
125	J71	ZITI-N	13.68	10.1016/j.isci.2019.08.038
126	BTR-Cl	Y6	13.61	10.1016/j.joule.2019.09.009
127	PBDB-TF	BTIC-F-m	13.61	10.1016/j.joule.2020.02.004
128	PM6	ITC-2Cl	13.6	10.1002/aenm.201900041
129	PBDB-T	PYTT-1	13.54	10.1021/acs.chemmater.0c04253
130	PBDB-TF	TPQ-F	13.51	10.1016/j.orgel.2021.106282

131	F1	IT-4F	13.5	10.1039/D0TA00098A
132	PTQ10	MO-IDIC-2F	13.46	10.1038/s41467-019-08508-3
133	PBDB-TF	IT-4Cl	13.45	10.1002/adma.201800868
134	PBDB-TF	5T-OFIC	13.43	10.1007/s40843-020-1651-5
135	PBDB-T	Y1	13.42	10.1038/s41467-019-08386-9
136	PBDB-T	TPT10	13.41	10.1039/d0ta04941g
137	PBDB-T	IPIC-4Cl	13.4	10.1021/acsenergylett.9b00147
138	PBDB-T	Y2	13.4	10.1038/s41467-019-08386-9
139	PBDB-TF	DTC-4F	13.37	10.1039/C9TA12605H
140	PBDB-T-2Cl	IT-4Cl	13.37	10.1007/s11426-018-9260-2
141	PBDB-TF	TPDC-4F	13.35	10.1039/D1TA03643B
142	P-FP	Y6	13.34	10.1039/D1TA04214A
143	PBDB-TF	Y26	13.34	10.1002/solr.202100281
144	PBDB-TF	SeTIC4Cl	13.32	10.1021/acsenergylett.8b01808
145	PBDB-TF	AQx	13.31	10.1002/adma.201906324
146	PBDB-T-2Cl	IDT6CN-M	13.3	10.1039/C9TA02243K
147	PBDB-T-2Cl	IDTT-Cl-2F	13.3	10.1002/adfm.202102189
148	PBDB-TF	IDT6CN-M	13.3	10.1039/C9TA02243K
149	PBDB-TF	TPQ-Cl	13.28	10.1016/j.orgel.2021.106282
150	PBDB-TF	AT-4Cl	13.27	10.1002/aenm.201803541
151	PBDB-T	Y9	13.26	10.1016/j.jechem.2019.07.002
152	J71	ITCF	13.25	10.1021/acs.chemmater.8b05327
153	PBDTSF-TZNT	IT-4F	13.25	10.1016/j.isci.2018.12.027
154	PBDTS-TZNT	IT-4F	11.31	10.1016/j.isci.2018.12.027
155	PBDB-TF	BTIC-COOMe	13.25	10.1021/acs.jpclett.1c01077
156	J52	BN-4F	13.24	10.1002/ange.202100390
157	PBDB-T	DOC2C6-2F	13.24	10.1038/s41467-019-11001-6
158	J71	ZITI	13.24	10.1002/adma.201800403
159	PTB7-Th	ACS8	13.2	10.1039/C8TA11484F
160	PFBDB-T	C8-ITIC	13.2	10.1002/adma.201705209
161	PTB7-Th	IEICO-4F	13.2	10.1002/adma.201806616
162	PBDB-T	SN6IC-4F	13.2	10.1021/acs.chemmater.8b02276
163	PBDB-T	BT-LIC	13.2	10.1021/jacs.1c00211
164	PBDB-T-2Cl	TPIC	13.2	10.1002/solr.202000250
165	PTQ10	IDIC	11.33	10.1016/j.cclet.2020.08.051
166	J71	ZITI-C	13.18	10.1016/j.isci.2019.08.038
167	PBDB-T	BTTIC	13.18	10.1002/adfm.201803128
168	m-PBDTPS-FTAZ	ITIC	13.16	10.1021/acsami.9b07112
169	PTQ10	TPT10	13.14	10.1039/d0ta04941g
170	PBDB-T	IPT2F-Ph	13.13	10.1002/adfm.202006141
171	PBDB-TSCl	IT-4F	13.13	10.1021/acsenergylett.9b01819
172	PTQ10	ZITI-C	13.13	10.1021/acs.jpcc.0c05654
173	PBDB-T	INPIC-4F	13.13	10.1002/adma.201707150

174	PBDB-TF	BTDTP-4F	13.12	10.1002/smll.202001942
175	PTB7-Th	o-IO1	13.1	10.1021/acsmaterialslett.9b00512
176	PBDB-TF	TfIF-4FIC	13.1	10.1002/aenm.201803657
177	PTB7-Th	IOIC3	13.1	10.1021/acs.chemmater.8b01677
178	PBN-S	IT-4F	13.1	10.1039/C8EE03608J
179	TTFQx-T1	Y5	13.1	10.1002/adma.201807577
180	PBDB-T-SF	IT-4F	13.1	10.1021/jacs.7b02677
181	BTR-Cl	BTP-2F-2Cl	13.1	10.1002/advs.202004262
182	PTQ10	IT-4Cl	13.04	10.1039/c9ta10887d
183	PBDB-T	ZITI	13.03	10.1002/adma.201800403
184	PTB7-Th	FNIC2	13	10.1021/jacs.8b04027
185	P2F-EHp	IT-2F	12.96	10.1038/s41560-018-0263-4
186	SM1-S	Y6	12.94	10.1002/adma.201908373
187	PBDB-TF	F-2F	12.93	10.1039/D0TA03087B
188	PBZ-ClSi	IT-4F	12.8	10.1039/C8TA10662B
189	PBDB-T	m-INPOIC	12.8	10.1021/acsenergylett.9b01630
190	PBDTS-TDZ	ITIC	12.8	10.1002/adma.201703973
191	PBDB-T	IDTOT2F	12.79	10.1021/acsenergylett.8b00928
192	PTB7-Th	BTPV-4F-eC9	12.77	10.1002/adfm.202102361
193	PBDB-TF	PTB4Cl	12.76	10.1002/anie.202101867
194	PBDB-TF	Y19	12.76	10.1007/s11771-020-4501-0
195	Qx-10F	Y6	12.75	10.1039/D1TA01500A
196	PBDB-T	PY5-2TZ	12.73	10.1021/acs.chemmater.1c02302
197	SM1	Y6	12.72	10.1002/adma.201908373
198	PBT1-C-2Cl	IT-4F	12.7	10.1016/j.nanoen.2019.01.039
199	PBDB-TF	C8-ITCC-Cl	12.7	10.1021/acs.chemmater.9b00980
200	PBDB-T	SNBDT1-F	12.7	10.1002/solr.202000234
201	PBDB-TF	IDTT-Cl-2F	12.7	10.1002/adfm.202102189
202	QX2	Y22	12.69	10.1039/D0TA01636E
203	PBDB-TF	IDTTP-4F	12.64	10.1002/smll.202001942
204	PBDB-TF	Br-ITIC	12.63	10.1016/j.nanoen.2019.04.018
205	SZ5	BPF-4F	12.6	10.1021/acsenergylett.0c01688
206	PDBT-Cl	IT-4F	12.6	10.1039/C9QM00212J
207	PBDB-TF	BDDEH-4F	12.59	10.1039/D0TA12288B
208	PBDB-T	BTP-S	12.56	10.1016/j.cej.2021.132830
209	J71	MeIC	12.54	10.1002/adma.201706124
210	PBDB-T	IDT2-IC-4Cl	12.53	10.1016/j.orgel.2021.106329
211	PBDB-T	IPT2F-Th	12.52	10.1002/adfm.202006141
212	PBDB-TF	PT2IC-4Cl	12.51	10.1021/acsami.1c02652
213	FTAZ	IDIC	12.5	10.1002/adma.201706363
214	PBDB-T-2Cl	BT2FIDT-4Cl	12.5	10.1002/smll.201907681
215	J71	ITIC5	12.5	10.1039/C8TA05800H
216	PBDB-T	IT-DM	12.5	10.1002/adma.201602776
217	PM6	F-Cl	12.5	10.1002/aenm.201902688

218	PBDB-T	NITI-Sse	12.49	10.1246/bcsj.20200322
219	J101	ITIC	12.47	10.1039/C9TA03272J
220	PTB7-Th	3TT-OCIC	12.43	10.1002/aenm.201901024
221	PBDB-T	PYTT-3	12.41	10.1021/acs.chemmater.0c04253
222	PBDB-T	C8-ITIC	12.41	10.1002/adma.201705209
223	BSCl-C2	IDIC-4Cl	12.4	10.1021/acsami.0c03977
224	PBDB-T	BCIC2F	12.4	10.1002/cssc.202100746
225	PDCBT-Cl	ITIC-Th1	12.38	10.1021/acs.macromol.9b00793
226	PBDB-T	FOC2C6-2FIC	12.36	10.1021/acsami.9b18076
227	PBDB-TF	6T-OFIC	12.35	10.1007/s40843-020-1651-5
228	PBDB-T	CNDTBT-C8IDT-FINCN	12.33	10.1021/acsami.0c13277
229	PCl(4)BDB-T	IT-4F	12.33	10.1002/anie.201807865
230	PBDB-T	QOC6-4Cl	12.32	10.1021/acsami.1c11412
231	J11	m-ITTC	12.32	10.1021/acs.chemmater.8b05352
232	J52-Cl	Y6	12.31	10.1021/acs.macromol.9b01233
233	PBDB-TF	ITCPTC	12.31	10.1021/acsenergylett.0c01364
234	PBDTS-Se-TAZ	ITIC	12.31	10.1002/solr.201800186
235	PBDB-TF	BID-4F	12.3	10.1016/j.jechem.2020.03.036
236	PM6	NITT-BF	12.3	10.1016/j.cej.2021.130618
237	PBDB-T	IPTTT-2F	12.3	10.1039/C9TA07634D
238	FTAZ	IOIC2	12.3	10.1002/adma.201704713
239	PBDB-T	CH3-2F	12.28	10.1021/acsami.1c09597
240	PBT1-C-2Cl	ITCPTC	10.31	10.1039/c9ta01285k
241	PBDB-T2F	a-ITIC-2Cl	12.23	10.1021/acs.jpclett.9b01931
242	PTBB-m	ITCPTC	12.22	10.1002/aenm.201802686
243	PBDB-T	IXIC-2Cl	12.2	10.1002/aenm.201801203
244	PBDB-TF	IDTN	12.2	10.1002/adma.201704051
245	PTN5	Y12	12.2	10.1021/acsami.3c14494
246	J71	Br-ITIC	12.19	10.1016/j.nanoen.2019.04.018
247	PBDB-T	ITIC-4F	12.18	10.1002/aenm.201900887
248	PBDB-T	ITOIC-2F	12.17	10.1021/acs.chemmater.8b01319
249	PM6	2T2Se-F	12.17	10.1016/j.cej.2021.132298
250	J52	i-IEICO-4Cl	12.16	10.1021/acsaem.1c02608
251	PBDTS-TZNT	ITIC	12.16	10.1016/j.isci.2018.12.027
252	PBDTSF-TZNT	ITIC	12.16	10.1016/j.isci.2018.12.027
253	PBDB-T	DBT-4F	12.14	10.1016/j.cej.2021.128770
254	PTQ10	m-DTC-2Cl	12.14	10.1002/adfm.202102361
255	PBDB-T	NCBDT	12.12	10.1002/adma.201704904
256	PBDB-T	BDTThIT-M	12.12	10.1039/C7TA10763C
257	J71	AOIC1	12.1	10.1021/acs.chemmater.0c04318
258	PBDB-T	BCDT-4Cl	12.1	10.1021/acsami.0c00837
259	PTB7-Th	IOTIC-2F	12.1	10.1002/aenm.201801209
260	H14	IDIC-4F	12.1	10.1002/aenm.202001589

261	L810	IT-4F	12.1	10.1002/adfm.201808828
262	PBDB-TF	IDTT-Br-2F	12.1	10.1016/j.orgel.2021.106357
263	J71	IDTN-O	12.1	10.1039/D0TA10953C
264	PBDB-T	IT-M	12.1	10.1016/j.synthmet.2021.116736
265	PBDB-BzT	IT-M	12.1	10.1039/C8TA00368H
266	FTAZ	ITIC-Th1	12.1	10.1039/C7QM00547D
267	PTB7-Th	FOIC	12.1	10.1039/c8ta11637g
268	PBDB-T	PY5-PZ	12.1	10.1021/acs.chemmater.1c02302
269	PBDB-T	FOC6-FIC	12.08	10.1021/acsami.9b18076
270	PM6	CZTT-4F	12.07	10.1039/c9ta08573d
271	PBDB-T	a-IT-2OM	12.07	10.1039/C8TA12530A
272	PBDB-T	ITBC	12.07	10.1021/acsami.9b08462
273	PBDB-T	DTCC-BC	10.74	10.1021/acsami.9b08462
274	PBDB-TF	PT-IDTTIC	12.06	10.1002/aenm.202001408
275	PBTIBDTT	4TC-4F-C8C8	12.06	10.1002/solr.202000359
276	PBDB-T	Y9-2Br	12.05	10.1039/D1RA01348C
277	PBDB-TF	TTTIC	12.05	10.1039/C9TA08328F
278	J71	m-ITIC	12.05	10.1002/aenm.201702324
279	J71	IT-DM	12.05	10.1021/acs.chemmater.8b05327
280	PBDB-T	F-Br	12.05	10.1002/aenm.201702870
281	PBT1-C	TTPTTT-4F	12.05	10.1002/solr.201800246
282	PTQ10	BFC-4F	12.05	10.1002/solr.202000421
283	PBDB-TF	BTIC-4F	12.04	10.1039/D1TA03643B
284	D18	4T-3	12.04	10.1002/adfm.202101742
285	PBDB-TF	NNBDT	12.03	10.1002/adma.201804723
286	PBT1-C	TPTTT-2F	12.03	10.1039/C8TA07334A
287	PBDB-TF	IDIC	12.02	10.1002/adma.201807832
288	PBDS-TZ	IT-4F	12.01	10.1039/C8TA12224E
289	PBB-H	IT-4F	12	10.1039/D0TA04734A
290	PBDB-TF	AOIC1	12	10.1021/acs.chemmater.0c04318
291	PBDB-T	BTP-N	11.97	10.1016/j.cej.2021.132830
292	PTB7-Th	3TT-CIC	11.96	10.1002/aenm.201901024
293	PBDB-T-2Cl	BDSeThCl	11.91	10.1039/C9TA03177D
294	PB3T	IT-M	11.9	10.1039/C6EE03489F
295	PBDB-T	IT-OM-2	11.9	10.1002/aenm.201700183
296	PDCBT-2F	IT-4F	11.9	10.1039/C6TA07672F
297	PBDB-TF	ITIC-6F	11.89	10.1021/jacs.8b13653
298	BTR	Y6	11.88	10.1021/acsaem.1c00617
299	PBDB-T	o-DOC6-2F	11.87	10.1021/acsami.0c13993
300	PBDB-T	BTCPDTO4	11.85	10.1021/acsaem.0c02083
301	PBTA-PS	ITIC	11.85	10.1002/solr.201900005
302	PBDB-T	A702	11.84	10.1021/acsaem.1c00584
303	J101	MeIC	11.83	10.1016/j.orgel.2020.105880
304	FTAZ	IT-M	11.8	10.1002/adma.201808279

305	PBDB-TF	AOIC2	11.8	10.1021/acs.chemmater.0c04318
306	PTO2	A4T-16	11.8	10.1038/s41467-021-25394-w
307	PBDB-T	BTP-4Cl	11.8	10.1002/anie.202102622
308	PBT1-EH	ITCPTC	11.8	10.1002/solr.201700044
309	PBDB-T	MS-4Cl	11.79	10.1002/cssc.202100592
310	J61	m-ITIC	11.77	10.1021/jacs.6b09110
311	PBDT-3TCO	IT-4F	11.77	10.1007/s11426-018-9408-7
312	PBDB-T	MS-4F	11.75	10.1002/cssc.202100592
313	PBDTT2Cl	Y18-1F	11.47	10.1002/adma.202105483
314	PBDT-TDZ	ITIC	11.72	10.1002/adma.201703973
315	PFBDB-T	ITIC	11.71	10.1002/adma.201705209
316	J52	NoCA-1	11.71	10.1002/anie.202106753
317	PBDB-T	NNBDT	11.7	10.1002/aenm.201800424
318	FTAZ	F9IC	11.7	10.1021/acs.chemmater.8b02222
319	PFOPB	IT-4F	11.7	10.1039/C8TA11006A
320	J71	IT-4F	11.66	10.1021/acs.chemmater.8b05327
321	PBDB-TF	Y25	11.65	10.1002/solr.202100281
322	J91	m-ITIC	11.63	10.1002/adma.201703344
323	J71	ITCPTC	11.63	10.1002/adma.201706124
324	PBDB-T	ITC6-IC	11.61	10.1002/adfm.201705095
325	PBDB-TF	IDTT-M-2F	11.6	10.1002/adfm.202102189
326	PvBDTTAZ	O-IDTBR	11.6	10.1021/jacs.7b01606
327	PBDB-T	BTTBo-4FN	11.6	10.1039/D1TC03259C
328	PBT-Cl	IT-4F	11.6	10.1039/C8TA10923K
329	P-CIT	m-ITIC	11.61	10.1021/acsami.1c00327
330	J71	CTSe-IC	11.59	10.1021/acsami.1c12028
331	PBDTTAZ-NaPh	ITIC	11.56	10.1039/C8TA07134A
332	PM6	BDTN-BF	11.54	10.1021/acsami.9b22093
333	J52-2Cl	ITIC	11.53	10.1021/acs.jpclett.8b03247
334	PBT1-C	TTPTTT-2F	11.52	10.1002/solr.201800246
335	PTZ1	IDIC	11.5	10.1002/adma.201702291
336	PBDB-T	X-PCIC	11.5	10.1002/smtd.201900531
337	PBQx-TF	F-BTA3	11.5	10.1002/adma.202102420
338	J71	BTIDIC	11.5	10.1021/acsapm.0c00748
339	PBDB-TF	HF-PCIC	11.49	10.1039/C8TA03753A
340	PBDB-T	F-Cl	11.47	10.1002/aenm.201702870
341	PBDTS-NQx	ITIC	11.47	10.1002/adfm.201701491
342	J52	i-IEICO-2Cl	11.45	10.1021/acsaem.1c02608
343	PBDB-TF	ITIC-3F	11.44	10.1021/jacs.8b13653
344	PBDB-T	GL1	11.43	10.1021/acsami.1c13035
345	P-FT	m-ITIC	11.43	10.1039/D1TA04214A
346	J71	ITIC	11.41	10.1038/ncomms13651
347	PBDB-T	ITCC	11.4	10.1002/adma.201700254

348	PBDB-T-2Cl	ITCC-Cl	11.4	10.1002/adfm.202102189
349	TPD-3F	Y6	11.4	10.1002/aenm.202102648
350	PBDB-T-2Cl	IDTT-Br-2F	11.4	10.1016/j.orgel.2021.106357
351	PBDB-T	IDT6CN-M	11.4	10.1039/C9TA02243K
352	PBDB-T	IPTT-2F	11.4	10.1039/C9TA07634D
353	PBQ-4F	ITIC	11.34	10.1002/adma.201604241
354	BTR	N3	11.34	10.1021/acsaem.1c02534
355	PBDB-TF	2FIFIC	11.34	10.1039/D0TC04749J
356	J71	m-IDTIDT-FIC	11.32	10.1039/C8TA11972D
357	J71	ITC6-IC	11.32	10.1039/c8ee02560f
358	PBDB-T	IDT-EDOT	11.32	10.1039/C8TA08410F
359	PBDB-T	BDTIT-M	11.31	10.1039/C7TA10763C
360	PBDB-T-2Cl	IDTT-M-2F	11.3	10.1002/adfm.202102189
361	J101	IT-4F	11.3	10.1039/D0TC03095C
362	PBDB-T	IXIC	11.3	10.1002/aenm.201801203
363	BTR	BO-4Cl	11.3	10.1007/s40843-020-1269-9
364	J52-F	BTA5	11.27	10.1007/s11426-020-9840-x
365	PBDB-T	ITCT	11.27	10.1016/j.cclet.2017.11.018
366	L1	IBCT	11.26	10.1039/d0ta02427a
367	PBDB-T	IT-4F	11.26	10.1016/j.orgel.2022.106495
368	DRTB-T-C4	IT-4F	11.24	10.1021/acs.chemmater.8b00287
369	PBDB-T	BTC6-4F	11.23	10.1039/D1NJ01978C
370	PBDB-T	CNDTBT-C8IDT-INCN	11.22	10.1021/acsami.0c13277
371	PBDB-T2F	ITIC-2Cl-beta	11.21	10.1021/acs.jpclett.9b01931
372	PTB7-Th	6-IF2F	11.2	10.1021/acsami.1c13404
373	PBDB-TF	ITCC-Cl	11.2	10.1002/adfm.202102189
374	PBDB-T	FDNCTF	11.2	10.1021/acs.chemmater.7b02811
375	PBDB-T	IXIC-4Cl	11.2	10.1002/aenm.201801203
376	PTB7-Th	BT-CIC	11.2	10.1021/jacs.7b11278
377	PTB7-Th	IUIC	11.2	10.1021/acs.chemmater.7b04251
378	PBDB-T	BT-BO-L4F	11.2	10.1021/jacs.1c00211
379	PBDB-TF	PZ1	11.2	10.1007/s11426-019-9466-6
380	PBDB-T	IDTT-OB	11.19	10.1021/acsami.8b19596
381	PBDB-T	IDT2Se-4F	11.19	10.1039/C8TA00783G
382	PTQ10	MO-IDIC	11.16	10.1038/s41467-019-08508-3
383	PBDB-TF	M2	11.16	10.1039/D0TA09353C
384	2T-TTC-BDTFT	m-ITIC	11.15	10.1021/acs.macromol.8b02360
385	PBDB-TF	IT-BT-ICN	11.14	10.1021/acsaem.1c01872
386	PffBT4T-2DT	EH-IDTBR	11.1	10.1021/acsenergylett.7b00390
387	PBDB-T	DOC2C6-IC	11.1	10.1038/s41467-019-11001-6
388	PBDE-TT	IT-4F	11.1	10.1021/acs.chemmater.9b04971
389	PTB7-Th	O-IDTBCN	11.1	10.1002/adfm.201808429
390	PBDB-T	IE-4Cl	11.1	10.1021/acsami.9b10243

391	PTB7-Th	6TIC	11.07	10.1002/aenm.201702831
392	J81	m-ITIC	11.05	10.1002/aenm.201700746
393	PIDTTDTffBTA	Y6	11.05	10.1021/acsmacrolett.9b00704
394	J71	IDTT-BH	11.05	10.1039/C8TA00764K
395	PBT1-C	IT-2F	11.04	10.1002/adfm.201807006
396	FTAZ	ITIC2	11	10.1002/adma.201702125
397	PBDB-TF	IT-DOH	11	10.1002/aenm.201903650
398	J61	Y5	11	10.1002/adma.201807577
399	J71	AOIC2	11	10.1021/acs.chemmater.0c04318
400	BO2FC8	m-ITIC-OR-4Cl	11	10.1039/C8TA11059J
401	J52	BN-0F	11	10.1002/ange.202100390
402	PBDB-T	O-NTNC	11	10.1002/solr.201800053
403	PBDB-T	BTOIC	10.96	10.1002/adfm.201803128
404	PBDB-T	IDTT-OBH	10.93	10.1039/C8TA00764K
405	PTBTz-2	ITIC	10.92	10.1021/acs.chemmater.7b01650
406	PBDB-T-SF	ITCT	10.92	10.1039/C9MH00844F
407	PBDB-TF	PZ-dIDTC6	10.91	10.1016/j.synthmet.2021.116838
408	PBDB-T	AT-NC	10.91	10.1002/aenm.201803541
409	PTQ10	ITIC	10.9	10.1021/acsami.9b22666
410	PTFB-O	ITIC-Th	10.9	10.1002/aenm.201701674
411	J71	IDTN	10.9	10.1039/D0TA10953C
412	PTB7-Th	F8IC	10.9	10.1016/j.joule.2018.11.011
413	J71	Y22	10.89	10.1039/D0TA01636E
414	J71	SeCT-IC	10.89	10.1021/acsami.1c12028
415	PBDB-T-2Cl	DTSiC-TC	10.88	10.1021/acsami.1c06360
416	PBDB-T	TTIC	10.87	10.1007/s40843-017-9084-x
417	PDCBT-F	ITIC-Th1	10.85	10.1021/acs.macromol.9b00793
418	PBDB-T	F-F	10.85	10.1002/aenm.201702870
419	PBDB-T	BDCPDT-BC	10.82	10.1021/acsami.9b08462
420	J62	ITIC	10.81	10.1021/acs.macromol.8b01036
421	J52	UF-Qx-2Cl	10.81	10.1016/j.cej.2021.131473
422	PBDB-T	IE-4F	10.8	10.1021/acsami.9b10243
423	FTAZ	INIC2	10.8	10.1021/jacs.6b12755
424	PBDB-T	FOC6-IC	10.8	10.1021/acsami.9b18076
425	PBDB-TF	IE-4F	9.3	10.1021/acsami.9b10243
426	PBDB-TF	IT6-4F	10.8	10.1039/D0TA03985C
427	PBDB-T	IT-OM-3	10.8	10.1002/aenm.201700183
428	PTB7-Th	p-IO1	10.8	10.1021/acsmaterialslett.9b00512
429	PBPD-Th	ITIC	10.8	10.1002/adma.201606396
430	PBDB-T	NIBT	10.8	10.1021/acs.chemmater.9b03329
431	PBDB-TF	C8-ITCC	10.8	10.1021/acs.chemmater.9b00980
432	PBDB-T	IDTTA	10.8	10.1039/C9TA11752K
433	P-CIT	Y6	11.03	10.1021/acsami.1c00327
434	PBDB-TF	PF2-DTSi	10.77	10.1016/j.joule.2020.01.014

435	PBDB-T	BT-IC	10.76	10.1039/c9tc01214a
436	PBDB-TF	ITIC	10.75	10.1039/c9ta04789a
437	PCE10-2Cl	IT-4F	10.72	10.1039/D0TA11203H
438	FTAZ	ITIC-Th3	10.7	10.1039/C7QM00547D
439	PBDB-T	A701	10.7	10.1021/acsmacrolett.0c00234
440	PBFTT	IT-4Cl	10.7	10.1039/C9CP01101C
441	PBDB-TF	ITCC-Br	10.7	10.1016/j.orgel.2021.106357
442	PBDB-T	R10-4Cl	10.7	10.1021/acs.chemmater.8b05047
443	PTB7-Th	FRdCN2	10.7	10.1039/C7CC08440D
444	PTQ10	ZITI-S	10.69	10.1002/aenm.201903298
445	PTQ10	ZITI-N	7.06	10.1002/aenm.201903298
446	J71	IT-M	10.68	10.1021/acsenergylett.8b00100
447	PBDB-TF	DTP-in-F	10.66	10.1021/acsami.1c06299
448	P105	ITIC-F	10.65	10.1021/acsaem.9b01726
449	PBDB-T	ITOIC-F	10.65	10.1021/acs.chemmater.8b01319
450	P-FT	Y6	10.61	10.1039/D1TA04214A
451	J81	ITIC	10.6	10.1002/aenm.201700746
452	PTT4FB	IDIC	10.6	10.1039/C8TA08769E
453	PBDB-T	p-INPOIC	10.6	10.1002/adfm.201903269
454	J61	ITIC	10.57	10.1021/jacs.6b09110
455	PTB7-Th	NOBDT	10.55	10.1002/adma.201707508
456	PBDB-T	QCIC3	10.55	10.1002/cssc.202100689
457	J52	UF-Qx-2F	10.54	10.1016/j.cej.2021.131473
458	TTFQx-T1	ITIC	10.52	10.1039/C7TA10262C
459	PBDB-T	BT-dIDT	10.52	10.1016/j.solener.2020.01.032
460	PTBTz-2	IT-M	10.51	10.1039/c9ta04286e
461	PBT-SF	IT-4F	10.51	10.1039/C8TA05207G
462	PBDB-T-2Cl	BTCIC-4Cl	10.5	10.1021/acsami.0c01850
463	PBDB-T-2Cl	ITCC-Br	10.5	10.1016/j.orgel.2021.106357
464	PTQ9	Y6	10.5	10.1002/adma.201905480
465	J71	AOIC	10.5	10.1021/acs.chemmater.0c04318
466	J71	BDT-IC	10.5	10.1002/solr.201700107
467	asy-PBDBTN	ITIC	10.5	10.1021/acs.chemmater.7b02495
468	PBFZ-OP	ITIC	10.5	10.1039/C7TA06476D
469	J52-Cl	BTA3	10.5	10.1016/j.orgel.2021.106195
470	PBDB-TF	PN1	10.5	10.1039/C9TA04611A
471	PTB7-Th	CTIC-4F	10.5	10.1021/acsenergylett.9b00721
472	PBDB-TF	F-M	10.49	10.1002/adma.201804723
473	J71	BT-IC	10.46	10.1039/C7EE00844A
474	PTB7-Th	6-IF4F	10.46	10.1021/acsami.1c13404
475	PTB7-Th	Y14	10.44	10.1039/C9QM00499H
476	FTAZ	ITIC-Th	9.72	10.1002/advs.201801560
477	PTB7-Th	4TIC	10.43	10.1021/acs.chemmater.7b02853
478	PBDB-T	NFBDT	10.42	10.1021/jacs.7b01170

479	PTB7-Th	ITCT	10.42	10.1039/c7ta10391c
480	PBDB-T	IDIC	10.41	10.1002/adma.201807832
481	PBDB-T	ITIC-OE	10.4	10.1039/c7ta10136h
482	PFBZ	ITIC	10.4	10.1002/solr.201700020
483	H11	IDIC-4F	10.4	10.1002/aenm.202001589
484	PBDB-TF	A4T-23	10.4	10.1038/s41467-021-25394-w
485	PBDB-TF	BT-LIC	10.4	10.1021/jacs.1c00211
486	PBDB-T	IT-DOH	10.4	10.1002/aenm.201903650
487	3BDT-5	Y6	10.4	10.1039/D1TA01680F
488	PBDB-T-2Cl	BO2FIDT-4Cl	10.4	10.1002/smll.201907681
489	PBZ-m-CF3	ITIC	10.4	10.1039/C7TA11059F
490	HFQx-T	ITTC	10.4	10.1039/C7TA02486J
491	J52-2F	A4T-16	10.4	10.1038/s41467-021-25394-w
492	PBDB-T	IDTT2OT-4F	10.4	10.1016/j.synthmet.2021.116880
493	PBDB-TF	ITIC-2F_aldrich	10.38	10.1021/jacs.8b13653
494	PDCBT	IDTT-BH	10.35	10.1039/C8TA00764K
495	PBDB-TF	NCIC	10.32	10.1016/j.solmat.2021.111046
496	PBDB-T	F-2Cl	10.31	10.1021/acsami.1c13035
497	PB24-3TDC	ITIC-Th	10.3	10.1002/solr.201800291
498	PTB7-Th	IEICO-4Cl	10.3	10.1002/adma.201703080
499	PBDTTT-E-T	IEICO	10.3	10.1021/jacs.7b01493
500	PTB7-Th	FNIC1	10.3	10.1021/jacs.8b04027
501	PTZ6	ITIC	10.3	10.1016/j.nanoen.2017.03.013
502	H13	IDIC-4F	10.3	10.1002/aenm.202001589
503	PBDB-T	BDCPDT-TTC	10.29	10.1021/acsenergylett.8b00563
504	PBDB-T	F-M	10.29	10.1002/adma.201707508
505	PBDB-T	a-IT-2F	10.28	10.1039/C8TA12530A
506	PBDB-TF	PTIC	10.27	10.1038/s41467-019-10098-z
507	PBDB-T	o-4TBC-2F	10.26	10.1002/anie.202010856
508	PTzBI	ITIC	10.24	10.1002/adma.201606396
509	PTB7-Th	DTPC-DFIC	10.21	10.1021/jacs.7b13239
510	PBDB-TF	IT-BT-CN	10.2	10.1021/acsaem.1c01872
511	PBDB-T	BTCIC-4Cl	10.2	10.1021/acsami.0c01850
512	PDBT-2F	IT-4F	10.2	10.1039/C9QM00212J
513	PBDB-TF	N65-2FIC	10.19	10.1021/acsaem.0c00689
514	PBT1-C	TPTT-2F	10.17	10.1039/C8TA07334A
515	PBDB-T	X1-PCIC	10.17	10.1002/smtd.201900531
516	PDCBT	ITIC	10.16	10.1002/adma.201601803
517	PBDB-T	4T-3	10.15	10.1002/adfm.202101742
518	PBDB-T	DF-PCIC	10.14	10.1002/adma.201705208
519	PTFB-O	ITIC	10.13	10.1038/ncomms13094
520	PTB7-Th	6TBA	10.13	10.1002/adma.201706816
521	PBDB-TF	PF3-DTCO	10.13	10.1002/solr.202000142
522	PBDB-T	TPDCIC	10.12	10.1007/s10118-019-2309-x

523	PBDT-S-2TC	ITIC	10.12	10.1002/adfm.201706517
524	PBDB-T	IDT-OB	10.12	10.1002/adma.201703527
525	PTB7-Th	SFBRCN	10.12	10.1002/adma.201606054
526	SM1	IDIC	10.11	10.1021/acs.chemmater.7b02536
527	FTAZ	INIC1	10.1	10.1021/jacs.6b12755
528	J52	IEICO-4Cl	10.1	10.1002/adma.201703080
529	PfBTAZS	O-IDTBR	10.1	10.1002/aenm.201702427
530	PBDB-T	NBDTP	10.1	10.1002/solr.201700165
531	PBDB-T	ITCC-M	10.1	10.1021/jacs.7b01493
532	PBDB-T-SF	ITIC2	10.1	10.1021/acsami.9b11700
533	PBDB-T	BTC6-2F	10.1	10.1039/D1NJ01978C
534	PE31	BTA5	10.08	10.1021/acsami.1c03757
535	PTB7-Th	EH-IDTBR	10.07	10.1039/c9ta07919j
536	PBDT-Se-TAZ	ITIC	10.07	10.1002/solr.201800186
537	PTB7-Th	ATT-1	10.07	10.1021/jacs.6b08523
538	PBDB-T	FDICTF	10.06	10.1002/adma.201604964
539	PBDB-TF	F-H	10.06	10.1039/D0TA03087B
540	P2F-EHp	IT-F	10.06	10.1038/s41560-018-0263-4
541	PBDB-T	DTCC-IC	9.25	10.1021/acsami.9b08462
542	PDTF-TZNT	IT-M	10.05	10.1016/j.nanoen.2018.08.059
543	PBDB-T	YITI-2F	10.05	10.1039/C8TA04405H
544	PBDB-T	IDTT2OT-2F	10.04	10.1016/j.synthmet.2021.116880
545	PTB7-Th	IFIC-i-4F	10.03	10.1016/j.nanoen.2019.06.003
546	PBDB-T	IDTO	10.02	10.1021/acsami.7b10275
547	PBDB-T	CPIC-2	10.01	10.1002/asia.202101147
548	PBDB-TF	PFBDT-IDTIC	10	10.1021/acsenergylett.8b02114
549	PDCBT	O-NTNC	10	10.1002/solr.201800053
550	PBDB-T	NIDT	10	10.1021/acs.chemmater.9b03329
551	PDBT-F	IT-4F	10	10.1039/C9QM00212J
552	PBDB-T	IEICO-4F	9.98	10.1016/j.nanoen.2019.103934
553	PBDB-T	TTIC-M	9.97	10.1007/s40843-017-9084-x
554	PBDB-T	IDTT-BH	9.92	10.1039/C8TA00764K
555	PTB7-Th	O-IDTBR	9.9	10.1002/adfm.201808429
556	PBDB-T	Y1-4F	9.9	10.1002/adma.201904215
557	PM6	NOCIC	9.89	10.1016/j.solmat.2021.111046
558	PBDB-T	BDCPDT-IC	9.33	10.1021/acsami.9b08462
559	DRCN5T	F-2Cl	9.89	10.1002/aenm.201802021
560	PBDB-T	A4T-16	9.88	10.1038/s41467-021-25394-w
561	PBDB-T	CZTT-IC	9.87	10.1039/C9TA08573D
562	PBDB-T	HF-TCIC	9.86	10.1039/C8QM00609A
563	PBDB-TS	ITIC	9.85	10.1021/acsami.7b11488
564	PBDB-TF	C8IDT-Br	9.85	10.1021/acsaem.1c00369
565	PTB7-Th	AOIC1	9.85	10.1021/acs.chemmater.0c04318
566	PBDB-T	BT-IC4F	9.83	10.1039/D0TA03683H

567	J61	IDIC	8.69	10.1039/c8ta08406h
568	PBDB-T	CZTT-4F	9.81	10.1039/C9TA08573D
569	PT4FB	IDIC	9.81	10.1039/C8TA08769E
570	PBDB-T	TPDCNC	9.8	10.1007/s10118-019-2309-x
571	PBDB-T	ICPDT-4F	9.8	10.1021/acs.jpcc.0c09663
572	P_suman	Icz-RdCN2	9.76	10.1039/C8TC05318A
573	PTB7-Th	6-IFIC	9.74	10.1021/acsami.1c13404
574	H11	IDIC	9.73	10.1021/jacs.6b12826
575	PBDB-T	Py-2F	9.73	10.1016/j.synthmet.2021.116904
576	3MT-Th	ITIC	9.73	10.1002/aenm.201700566
577	J71	SIDIC	9.71	10.1021/acsapm.0c00748
578	PBDB-TF	F8IDT-Br	9.7	10.1021/acsaem.1c00369
579	PBDB-TF	IE-4Cl	9.7	10.1021/acsami.9b10243
580	P3_yang	IDIC	9.7	10.1021/acsami.8b04432
581	PBDB-T	IDT-2O	9.68	10.1002/adma.201703527
582	PBDB-T	IEICO-4Cl	9.67	10.1002/adma.201703080
583	2TC_TT_BDTFT	m-ITIC	9.65	10.1021/acs.macromol.8b02360
584	ZR1	IDIC-4Cl	9.64	10.1038/s41467-019-13292-1
585	PDBT-T1	ITIC-Th	9.6	10.1021/jacs.6b02004
586	PBDB-T	IDT-BOC6	9.6	10.1021/jacs.7b00566
587	PBDB-T	ITIC-Cl4	9.6	10.1039/C8TC02701C
588	PBDB-TF	ICIF2F	9.6	10.1039/D0TC04749J
589	PBDB-T	SN6IC	9.6	10.1021/acs.chemmater.8b02276
590	J71	Y6	9.6	10.1016/j.nanoen.2020.104447
591	PBDB-TF	NITT-ThCl	9.58	10.1016/j.cej.2021.130618
592	PTB7-Th	ATT-2	9.58	10.1002/adma.201606574
593	J61	BT-IC	9.82	10.1039/c8ta08406h
594	PBDB-T	Y6	9.55	10.1016/j.nanoen.2021.105862
595	PBDB-T	BDTC-4Cl	9.54	10.1021/acs.chemmater.8b04087
596	PBDB-TF	ITIC-C9	9.53	10.1021/acs.chemmater.7b04616
597	PBDB-T	NITI-SeS	9.52	10.1246/bcsj.20200322
598	PBDB-TF	ITzN-C9	9.51	10.1073/pnas.1807535115
599	PTB7-Th	DTNR	9.51	10.1021/acs.chemmater.7b03770
600	PBDB-TF	ITCC	9.51	10.1039/c9ta04789a
601	PBDB-T	TTIC-F	9.51	10.1007/s40843-017-9084-x
602	PTPDBDT	Cl-ITIC	9.5	10.1039/C7QM00025A
603	PBDB-T	IDTC-4Cl	9.5	10.1039/C9TC00162J
604	PBDB-T	CPDT-4F	9.47	10.1021/acsami.8b20567
605	P3HT	ZY-4Cl	9.46	10.1039/D0EE01763A
606	PDCBT-Cl	IDIC	9.44	10.1016/j.joule.2020.04.014
607	PTzBI-DT	ITIC	9.43	10.1002/adma.201606396
608	J52	BTA3	9.41	10.1021/acs.chemmater.8b05316
609	J52	IT-M	9.4	10.1002/adma.201700437

610	J52	IEICO-4F	9.4	10.1002/anie.201610944
611	PTPDBDT	Br-ITIC	9.4	10.1039/C7QM00025A
612	PTB7-Th	FRd2	9.4	10.1039/C7CC08237A
613	HFQx-T	ITIC	9.4	10.1021/acsami.7b03947
614	PffBT4T-B	ITIC-Th	9.4	10.1002/aenm.201602304
615	PBDB-T-SF	IDIC	9.39	10.1039/c9ta01003c
616	PTB7-Th	IDT-BT-R	9.39	10.1039/C8TC00705E
617	PBDB-T	SFBRCN	9.39	10.1002/adma.201704271
618	PBDB-T	IDT2Se	9.36	10.1039/C8TA00783G
619	PTBB-p	ITCPTC	9.36	10.1002/aenm.201802686
620	PTB7-Th	AOIC2	9.35	10.1021/acs.chemmater.0c04318
621	PBDB-T	IDTC	9.35	10.1021/acsami.7b10275
622	PTB7-Th	IOIC2	9.33	10.1021/acs.chemmater.8b01677
623	PBDB-TF	ITN-C9	9.33	10.1073/pnas.1807535115
624	PTB7-Th	o-IO2	9.3	10.1021/acsmaterialslett.9b00512
625	PBDB-T	R12-4Cl	9.3	10.1021/acs.chemmater.8b05047
626	PBDB-T	BTCIC	9.3	10.1021/acsami.0c01850
627	PBDB-TF	ITCC-M	9.3	10.1002/adfm.202102189
628	PBDB-T	ITBTR-C6	9.29	10.1021/acsaem.8b00851
629	PBDB-T	CPDT-4Cl	9.28	10.1021/acsami.8b20567
630	PBDTNS-BDD	ITIC	9.28	10.1002/aenm.201702489
631	J61	SJ-IC	9.27	10.1039/C7TA07049G
632	J51	ITIC	9.26	10.1002/adma.201601595
633	PBT4Cl-Bz	IT-4F	9.25	10.1021/acsaem.8b01447
634	PBDB-T	Ph-DTDP-TIC	9.21	10.1002/adfm.201705927
635	PTFB-P	ITIC-Th	9.2	10.1002/aenm.201701674
636	PBDB-T	PZ1	9.19	10.1002/ange.201707678
637	PTB7-Th	DTG-IW	9.16	10.1021/acsaem.0c01097
638	PBDB-TF	AOIC	9.16	10.1021/acs.chemmater.0c04318
639	PTB7-Th	IDT-FBTR	9.14	10.1021/acsami.8b04541
640	PBT-F	IT-4F	9.14	10.1039/C8TA10923K
641	PBDB-T	CNDTBT-IDTT-FINCN	9.13	10.1021/acsami.9b15247
642	J71	ZITI-S	9.12	10.1016/j.isci.2019.08.038
643	FTAZ	COi6FIC	9.12	10.1039/C8QM00004B
644	PBDB-T	ITTIC	9.12	10.1039/C7TA01554B
645	PffQx-PS	ITIC	9.12	10.1016/j.nanoen.2016.10.008
646	PBDT-NQx	ITIC	9.11	10.1002/adfm.201701491
647	PTB7-Th	IDTT-T	9.1	10.1021/acsenergylett.8b00366
648	PBDB-T	O-NTIC	9.1	10.1002/solr.201800053
649	PBDTS-DTBTO	ITIC	9.09	10.1002/aenm.201600742
650	PBDB-TF	OF-PCIC	9.09	10.1039/C8TA03753A
651	DRTB-T	IC-C6IDT-IC	9.08	10.1021/jacs.6b11612
652	PTB7-Th	A2	9.07	10.1039/C8TA00704G

653	PBDB-T	IDT-NTI-2EH	9.07	10.1021/acs.chemmater.7b03733
654	FTAZ	ITIC-Th2	9.06	10.1039/C7QM00547D
655	PDCBT-Cl	IT-4F	9.05	10.1016/j.joule.2020.04.014
656	J52-F	BTA3	9.04	10.1007/s11426-020-9840-x
657	PBDB-T	N65-IC	9.03	10.1021/acsaem.0c00689
658	PTB7-Th	ITIC-4F	9.03	10.1021/acs.jpclett.9b03502
659	PBDB-T	DTNIC8	9.03	10.1021/acs.chemmater.7b02887
660	PBDB-T	NFTI	9.02	10.1039/C7QM00585G
661	J47	ITIC	9.01	10.1016/j.orgel.2018.03.028
662	PBDB-T	IDT-N	9	10.1039/C7TA06631G
663	PBDB-T-2Cl	ITCC-M	9	10.1002/adfm.202102189
664	PBDB-T	ATT-1	9	10.1021/acsami.9b10641
665	P-4FP	m-ITIC	8.86	10.1021/acsami.1c00327
666	PBDB-TF	PF2-DTC	8.95	10.1002/solr.202000142
667	PBQ-QF	ITIC	8.9	10.1002/adma.201604241
668	PTPDBDT	I-ITIC	8.9	10.1039/C7QM00025A
669	PBTIBDTT	ITIC	8.89	10.1039/c9tc02700a
670	PBDB-T	ITOIC	8.87	10.1021/acs.chemmater.8b01319
671	PBDB-T	IDTT2F	8.85	10.1021/acsenergylett.8b00928
672	PBDTT	Y18-1F	8.84	10.1002/adma.202105483
673	PBDB-T	HF-PCIC	8.82	10.1002/advs.201800755
674	PBDB-T	YITI-0F	8.81	10.1039/C8TA04405H
675	2D-PBTCl	ITIC	8.81	10.1039/C7TA09837E
676	PTB7-Th	DTC-T-F	8.8	10.1016/j.orgel.2020.106026
677	PTPDBDT	F-ITIC	8.8	10.1039/C7QM00025A
678	PBDB-T	TCIC2F	8.8	10.1002/cssc.202100746
679	PTB7-Th	ITIC	8.79	10.1002/adma.201702547
680	J71	TTz1	8.77	10.1039/C8TA09370A
681	J12	m-ITTC	8.74	10.1021/acs.chemmater.8b05352
682	PBDB-T	IC-C6IDT-IC	8.71	10.1021/jacs.6b00853
683	PTB7-Th	IDTzCR	8.71	10.1039/C7TC04669C
684	PTB7-Th	ITIC-Th	8.7	10.1021/jacs.6b02004
685	PTB7-Th	IDT-2BR1	8.7	10.1007/s11426-016-0336-6
686	PTB7-Th	TIDT-BT-R2	8.7	10.1002/smtd.201700373
687	PTB7-Th	ITIC-2F_lee	8.7	10.1002/aenm.201801209
688	PBDD4T-2F	ITIC	8.69	10.1021/acs.macromol.6b00248
689	PTQ-10	BT-Cl	8.65	10.1016/j.orgel.2021.106132
690	PBDB-T	H-2F	8.64	10.1021/acsami.1c09597
691	PBDB-T	DBD-4F	8.64	10.1016/j.cej.2021.128770
692	J52-Cl	BTA5	8.64	10.1021/acsami.1c03757
693	PBDB-T	NTIC	8.63	10.1039/C7TA05809H
694	PBDB-T	NTIC-OMe	8.61	10.1039/C7TA05809H
695	J51	IDSe-T-IC	8.58	10.1039/C6EE00315J
696	PBDB-T	QCIC1	8.58	10.1002/cssc.202100689

697	FTAZ	ITIC1	8.54	10.1002/adma.201702125
698	J71	CSeT-IC	8.52	10.1021/acsami.1c12028
699	PBDB-T	IDT-Tz	8.52	10.1039/C7TA05774A
700	PBDB-T	N65-2FIC	8.51	10.1021/acsaem.0c00689
701	PBDB-TF	Y14	8.49	10.1039/C9QM00499H
702	PBDB-T	BTC6-0F	8.49	10.1039/D1NJ01978C
703	PDCBT-2F	ITIC-Th1	8.48	10.1021/acs.macromol.9b00793
704	PffQx-T	ITIC	8.47	10.1016/j.nanoen.2016.10.008
705	PBCIT	ITIC	8.46	10.1021/acsaem.8b00506
706	PBDB-T	BT2F-IC4F	8.45	10.1039/D0TA03683H
707	FTAZ	COi6IC	8.43	10.1039/C8QM00004B
708	DRCN5T	IDIC8-F	8.42	10.1021/acsaem.8b00205
709	PTB7-Th	IDTTBM	8.4	10.1021/acsenergylett.8b00045
710	PTB7-Th	IDT-Tz	8.38	10.1039/C7TA05774A
711	FTAZ	ITIC	8.37	10.1039/C7TA07882J
712	PBDB-T	INPIC-2F	8.37	10.1021/acsami.0c19700
713	PBDB-TF	HFO-PCIC	8.36	10.1039/C8TA03753A
714	PBT1-C	TPT-2F	8.33	10.1039/C8TA07334A
715	PTB7-Th	TBTT-BORH	8.33	10.1021/acsomega.0c04495
716	PBDB-TF	BTIC-OCOMe	8.32	10.1021/acs.jpclett.1c01077
717	P104	ITIC-F	8.32	10.1021/acsaem.9b01726
718	PTB7-Th	BT-IC	8.3	10.1021/jacs.7b11278
719	PBDT-DTN	ITIC	8.3	10.1021/acs.macromol.6b02733
720	PBDB-T	NTIC-Me	8.3	10.1039/C7TA05809H
721	PTB7-Th	m-IDTIDT-FIC	8.27	10.1039/C8TA11972D
722	PBDB-T	BTTBo-4F	8.27	10.1039/D1TC03259C
723	PTQ-10	BT-F	8.26	10.1016/j.orgel.2021.106132
724	J61	BTA3	8.25	10.1002/adfm.201704507
725	FTAZ	COi6DFIC	8.25	10.1039/C8QM00004B
726	PDCBT	IDTT-OBH	8.24	10.1039/C8TA00764K
727	PvBDT-Cl	Y6-T	8.23	10.1016/j.jpowsour.2021.229961
728	PBDB-T	DF-TCIC	8.23	10.1039/C8QM00609A
729	PBT-S-TTz	ITIC	8.22	10.1039/C6TA03288E
730	P-P	Y6	9.49	10.1021/acsami.1c00327
731	FTAZ	F7IC	8.2	10.1021/acs.chemmater.8b02222
732	PTB7-Th	BTDT2R	8.19	10.1021/acsami.9b09256
733	PBDB-T	IDT2-IC	8.18	10.1016/j.orgel.2021.106329
734	PBBSe-H	Y6	8.17	10.1021/acs.macromol.0c00405
735	PTB7-Th	SSBR	8.16	10.1016/j.solener.2018.09.077
736	PBTA-PS	6TIC	8.15	10.1002/adfm.201903596
737	PDCBT	ITIC-Th1	8.14	10.1021/acs.macromol.9b00793
738	PBDB-T	IDT-4CN	8.13	10.1021/acs.chemmater.8b02276
739	DRCN5T	F-1Cl	8.12	10.1002/aenm.201802021
740	PBDB-T	PY5-BT	8.12	10.1021/acs.chemmater.1c02302

741	PBDB-T	BDCPDT-FIC	8.12	10.1021/acsenergylett.8b00563
742	PBDB-T	NTIC-F	8.1	10.1039/C7TA05809H
743	PFBZ	N2200	8.1	10.1039/C8TA05376F
744	PBDB-T	O-IDTBR	8.09	10.1021/acsomega.8b01925
745	PBDB-TF	PF2-DTGe	8.09	10.1016/j.joule.2020.01.014
746	PBDB-TF	M1	8.06	10.1039/D0TA09351C
747	J91	IT-4F	8.04	10.1002/adfm.201808828
748	J71	IDTT-OBH	8.02	10.1039/C8TA00764K
749	PBDB-T	OCH3-2F	8.01	10.1021/acsami.1c09597
750	DRCN5T	IDIC8-H	8	10.1021/acsaem.8b00205
751	PBDB-T	PFBDT-IDTIC	8	10.1021/acsenergylett.8b02114
752	PTB7-Th	DICTF	7.93	10.1039/C6TA04358E
753	PBDB-T-2Cl	DTSiC-IC	7.92	10.1021/acsami.1c06360
754	PBT1-C	TTPTTT-IC	7.91	10.1002/solr.201800246
755	P-P	m-ITIC	8.28	10.1021/acsami.1c00327
756	PBDB-T	IT-OM-4	7.9	10.1002/aenm.201700183
757	PBDB-T	QOC6-4H	7.9	10.1021/acsami.1c11412
758	P_suman	Icz-Rd2	7.88	10.1039/C8TC05318A
759	PTFB-P	ITIC	7.85	10.1038/ncomms13094
760	J51	IDTIDSe-T-IC	7.84	10.1016/j.nanoen.2016.07.019
761	PBDB-TF	PF3-DTC	7.83	10.1002/solr.202000142
762	PBDB-TF	IDF-4F	7.81	10.1021/acsaem.0c01247
763	PffBT4T-2DT	FBR	7.8	10.1039/C6EE02598F
764	PBDB-T	IT-OH	7.8	10.1002/aenm.201903650
765	PBDB-TF	IDF-IC	7.8	10.1021/acsaem.0c01247
766	PBDB-TF	PD-dIDTC6	7.78	10.1016/j.synthmet.2021.116838
767	PTQ10	BOC-4F	7.76	10.1002/solr.202000421
768	PBDB-TF	TPQx-4F	7.75	10.1039/D0QM00034E
769	P2_yang	IDIC	7.75	10.1021/acsami.8b04432
770	SM-Cl	IDIC	7.73	10.1021/acsami.9b16900
771	PBDB-T	Ph-DTDP-IC	7.73	10.1002/adfm.201705927
772	P3HT	JC14	7.72	10.1039/D0TA11306A
773	FTAZ	INIC	7.7	10.1021/jacs.6b12755
774	J100	IT-4F	7.7	10.1039/D0TC03095C
775	PBDB-T	PTIC	7.66	10.1002/cssc.201701917
776	P3HT	N10	7.65	10.1039/C8CC01779D
777	PE31	Y6	7.62	10.1021/acs.macromol.9b01233
778	PBT1Cl-Bz	IT-4F	7.6	10.1021/acsaem.8b01447
779	J52-Cl	TPD3	7.58	10.1021/acs.jpcc.0c02111
780	P3HT	NDICz-6	7.58	10.1016/j.dyepig.2019.107677
781	PBTCl	ITIC	7.57	10.1021/acsenergylett.7b00551
782	PBDB-T	IDT-3EsT-2IC2F	7.54	10.1021/acsaem.1c02403
783	PTB7-Th	DTC-F-F	7.53	10.1016/j.orgel.2020.106026
784	PBDB-T	BZIC-2Br	7.51	10.1039/D1RA01348C

785	PfBTAZ	O-IDTBR	7.5	10.1002/aenm.201702427
786	PM6	SeTIC	7.46	10.1021/acsenergylett.8b01808
787	FTAZ	IHIC2	7.45	10.1002/adma.201704713
788	PTzBI	IFBR-p	7.44	10.1021/acsami.7b12902
789	PBDB-T	IDT-3EsT	7.43	10.1021/acsaem.1c02403
790	PE32	BTA5	7.4	10.1021/acsami.1c03757
791	PBDB-T	IDTA	7.4	10.1039/C9TA11752K
792	PBDB-TF	IDTI	7.4	10.1002/adma.201704051
793	PBDB-T	IDT-T-N	7.4	10.1039/C7TA06631G
794	T-EHPPD-T-EHBDT	ITIC-F	7.39	10.1039/D0NJ04573J
795	2D-PBTCl2	ITIC	7.38	10.1039/C7TA09837E
796	PBDB-T	i-cc23	7.34	10.1021/acsami.0c03842
797	PTB7	SFBRCN	7.34	10.1002/adma.201606054
798	PTB7-Th	FITP	7.33	10.1039/C6TA07368A
799	PE32	Y6	7.31	10.1021/acs.macromol.9b01233
800	PBDB-T	NCIC	7.31	10.1021/acs.chemmater.8b01089
801	PTB7-Th	IEICO	7.3	10.1016/j.orgel.2018.10.026
802	PffT2-FTAZ-2DT	IEIC	7.3	10.1002/adma.201502775
803	PBDB-T	IEIC	7.3	10.1021/acsami.9b10243
804	P2F-EHp	ITIC	7.28	10.1038/s41560-018-0263-4
805	PBDB-T	FDTBT-IDTT-FINCN	7.27	10.1021/acsami.9b15247
806	PDCBT-Cl	ITIC	7.25	10.1016/j.joule.2020.04.014
807	J52-Cl	BTA13	7.16	10.1016/j.orgel.2021.106195
808	PBT-TTz	ITIC	7.16	10.1039/C6TA03288E
809	J52	Y6	7.15	10.1021/acsmacrolett.9b00704
810	PBDB-T	IDBDT-T	7.14	10.1016/j.synthmet.2021.116922
811	PBDB-TF	PIDIC2T2Cl	7.11	10.1021/acsami.0c08442
812	PBDB-TF	Y1	7.1	10.1002/adma.201904215
813	PBDB-TF	PI-4F	7.1	10.1002/cjoc.202100323
814	BDT3TR	O-IDTBR	7.09	10.1039/C6TA06367E
815	PBDTNO-BDD	ITIC	7.05	10.1002/aenm.201702489
816	PBDB-TF	PTB4F	7.04	10.1002/anie.202101867
817	PM6	CZTT-IC	7.02	10.1039/c9ta08573d
818	PBDB-T	BT-BIC	7	10.1021/jacs.1c00211
819	J61	IDT-IC	6.95	10.1039/C7TA07049G
820	PDCBT-2Cl	ITIC-Th1	6.94	10.1021/acs.macromol.9b00793
821	P1_mishra	DCI-2	6.94	10.1039/C7TA04703G
822	PTB7-Th	IHIC-N	6.91	10.1021/acs.chemmater.7b04499
823	PTQ10	Y1-4F	6.9	10.1021/acs.nanolett.0c05045
824	PPDT2FBT	BTDT2R	6.9	10.1021/acsami.9b09256
825	PBDB-T	DC6-IC	6.87	10.1038/s41467-019-11001-6

826	PTB7-Th	NFBDT	6.74	10.1002/adma.201707508
827	PBQ-0F	ITIC	6.68	10.1002/adma.201604241
828	PBDB-T	SCH3-2F	6.67	10.1021/acsami.1c09597
829	PBDB-TF	N65-IC	6.67	10.1021/acsaem.0c00689
830	PBDB-T	IBR	6.66	10.1016/j.dyepig.2019.02.017
831	PBDB-T	YITI-4F	6.64	10.1039/C8TA04405H
832	DRBDT-TVT	IDIC	6.63	10.1021/acsami.7b17961
833	PBDB-TF	PTICO	6.62	10.1038/s41467-019-10098-z
834	NDTR	IDIC	6.6	10.1039/C7QM00397H
835	PDCBT-2F	IT-M	6.6	10.1039/C6TA07672F
836	PTB7-Th	IDT-T-N	6.6	10.1039/C7TA06631G
837	PffBT4T-2DT	ITIC-Th	6.6	10.1002/aenm.201701674
838	PTB7-Th	AOT3	6.59	10.1021/acsaem.0c02719
839	PTB7-Th	PhITBD	6.57	10.1039/C7TC00706J
840	P3HT	BTA43	6.56	10.1021/acsami.9b16662
841	J71	TTIDIC	6.54	10.1021/acsapm.0c00748
842	PvBDT-F	Y6-T	6.52	10.1016/j.jpowsour.2021.229961
843	DRBDT-STVT	IDIC	6.51	10.1021/acsami.7b17961
844	PBDTTS-TTffBT	di-PBI	6.51	10.1002/macp.201600459
845	J52	IEICO	6.5	10.1002/adma.201700437
846	PTB7-Th	IDTIDT-IC	6.48	10.1039/C6EE00315J
847	PBDB-T	IDTT2OT	6.46	10.1016/j.synthmet.2021.116880
848	PTB7-Th	BPTCN	6.42	10.1039/D0TC00225A
849	PBDB-T	IDT-2B	6.42	10.1002/adma.201703527
850	PBDB-TF	ID-4F	6.4	10.1016/j.nanoen.2020.104861
851	PBZ	IT-4F	6.4	10.1039/C8TA10662B
852	P3HT	ORCN	6.4	10.1002/aenm.201803012
853	PTPDBDT	H-ITIC	6.4	10.1039/C7QM00025A
854	P3HT	Qx3b	6.37	10.1007/s11426-019-9618-7
855	DR3TBDTT	O-IDTBR	6.36	10.1039/C8TA04665D
856	PBTA-BO	IffBR	6.34	10.1021/acs.chemmater.7b02228
857	P3HT	BTA53	6.31	10.1021/acsami.9b16662
858	PTB7-Th	IEIC	6.31	10.1039/C4EE03424D
859	DRCN5T	IDIC8-M	6.31	10.1021/acsaem.8b00205
860	PBDB-T	IT-OM-1	6.3	10.1002/aenm.201700183
861	HFQx-T	BZIC	6.3	10.1021/acsami.7b10995
862	J71	TTz2	6.3	10.1039/C8TA09370A
863	P3HT	IDTBR	6.3	10.1038/nmat4797
864	P3HT	O-IDTBR	6.3	10.1038/ncomms11585
865	PTB7-Th	N2200	6.26	10.1002/solr.202000148
866	P3HT	JC2	6.24	10.1021/acsami.9b08007
867	PDBT-2Cl	IT-4F	6.2	10.1039/C9QM00212J
868	POPB	IT-4F	6.2	10.1039/C8TA11006A

869	PTB7-Th	IDTT-CT	6.13	10.1039/D0TA09924D
870	P5T	eC9	6.13	10.1021/acsmaterialslett.1c00328
871	J52-2F	CRIC	6.12	10.1016/j.dyepig.2019.108012
872	PTB7-Th	IDTCR	6.1	10.1039/C7TC04669C
873	P3HT	BT2b	6.08	10.1002/solr.201700166
874	Qx-8F	Y6	6.07	10.1039/D1TA01500A
875	BDTS-2DPP	IEIC	6.03	10.1039/C5TA10424F
876	P3HT	EH-IDTBR	6	10.1038/ncomms11585
877	PTB7-Th	DTCC-IC	6	10.1039/C7TA01143A
878	PBFSF	N2200	6	10.1002/aenm.201703291
879	J52	m-ITIC	5.98	10.1002/adma.201703344
880	PBDB-T	DICTF	5.93	10.1002/adma.201604964
881	PBDB-TF	TfIF-IC	5.9	10.1002/aenm.201803657
882	3BDT-4	Y6	5.82	10.1039/D1TA01680F
883	PBZ1	ITIC	5.8	10.1039/C7TA11059F
884	PTB7-Th	A1	5.79	10.1039/C8TA00704G
885	J52-Cl	BTA7	5.78	10.1016/j.orgel.2021.106195
886	PTQ7	Y6	5.75	10.1002/adma.201905480
887	PTIBT	ITIC	5.72	10.1002/ajoc.202000172
888	P3HT	BTA3	5.64	10.1021/acsami.8b10312
889	J52-F	BTA4	5.61	10.1007/s11426-020-9840-x
890	J52-2F	CRIC-4F	5.61	10.1016/j.dyepig.2019.108012
891	PTB7-Th	F5IC	5.61	10.1021/jacs.9b08988
892	FTAZ	F5IC	5.6	10.1021/acs.chemmater.8b02222
893	PTB7-Th	CDTBM	5.6	10.1021/acsenergylett.8b00045
894	PBDB-T	DBTD-4F	5.55	10.1016/j.cej.2021.128770
895	J52	ITIC	5.51	1021/jacs.6b01744
896	H12	IDIC	5.51	10.1021/jacs.6b12826
897	PTB7-Th	IDT-N	5.5	10.1039/C7TA06631G
898	DRCN5T	F-0Cl	5.49	10.1002/aenm.201802021
899	PBDB-T	IDT-4EsT-2IC2F	5.45	10.1021/acsaem.1c02403
900	P3HT	H1	5.42	10.1039/c7qm00084g
901	PBDB-T-2Cl	ICPDT-4F	5.39	10.1021/acs.jpcc.0c09663
902	P3HT	I-IDTBTRh	5.38	10.1039/C8TC04608E
903	PBDB-T	PIDIC2T2Cl	5.34	10.1021/acsami.0c08442
904	P3HT	BTA103	5.31	10.1039/C8TC03963A
905	PBDTT	IDIC	5.3	10.1002/marc.201800660
906	PTB7-Th	CBM	5.3	10.1021/acs.chemmater.6b00131
907	PBDTT-TT-F	P(NDI2OD-T2)	5.28	10.1002/adma.201501214
908	PTzBI	IFBR-d	5.28	10.1021/acsami.7b12902
909	P3HT	BTA1	5.24	10.1021/acsmacrolett.7b00097
910	J52-Cl	BTA17	5.18	10.1016/j.orgel.2021.106195
911	PBDB-T	Py-2H	5.13	10.1016/j.synthmet.2021.116904
912	P3HT	IDT-2BR	5.12	10.1039/C5EE02477C

913	P3HT	TPBT-RCN	5.11	10.1021/acs.jpcc.0c07162
914	PTB7-Th	FBM	5.1	10.1021/acs.chemmater.6b00131
915	P3HT	BTDT2R	5.09	10.1021/acsami.9b09256
916	PBDB-TF	Y-T	5.06	10.1016/j.nanoen.2021.106538
917	P3HT	P-IDTzR	5.01	10.1039/C8QM00461G
918	PTB7	DTDfBT(TDPP)2	5	10.1021/acs.chemmater.5b02480
919	PBDB-TF	PIDIC2T2F	4.96	10.1021/acsami.0c08442
920	PBDTTT-E-T	IEIC	4.9	10.1002/adma.201602642
921	P1_mishra	PY-1	4.89	10.1039/C7TA04703G
922	PBDB-TF	PIDIC2T	4.89	10.1021/acsami.0c08442
923	P1_yang	IDIC	4.86	10.1021/acsami.8b04432
924	P3HT	Qx1b	4.81	10.1021/acsami.8b00216
925	PBDB-T	NITV	4.8	10.1021/acs.chemmater.9b03329
926	J50	ITIC	4.8	10.1002/adma.201601595
927	P3HT	SF-OR	4.7	10.1021/acs.chemmater.6b03323
928	PTB7-Th	IDT-CT	4.62	10.1039/D0TA09924D
929	P3HT	N3_srivani	4.62	10.1039/C7CC03122J
930	P3HT	BTA2	4.5	10.1021/acsmacrolett.7b00097
931	P3HT	IDFBR	4.5	10.1038/nmat4797
932	PBT2Clas-Bz	IT-4F	4.43	10.1021/acsaem.8b01447
933	PDTH-TZNT	IT-M	4.42	10.1016/j.nanoen.2018.08.059
934	PBDB-TF	di-PDI-2F	4.32	10.1002/ajoc.202100585
935	PBDB-T	INPIC	4.31	10.1002/adma.201707150
936	PTN2	Y12	4.3	10.1021/acsami.3c14494
937	PBDB-TF	BTP-M	4.26	10.1039/C9EE03710A
938	HTAZ	ITIC	4.26	10.1039/C7TA07882J
939	PBDB-TF	M8	4.21	10.1002/anie.202007907
940	FTAZ	ITBC	4.17	10.1021/acsaem.8b01576
941	P3HT	FBR	4.11	10.1021/ja5110602
942	PBDB-TF	PTICH	4.08	10.1038/s41467-019-10098-z
943	PTB7-Th	IDT-T	4.08	10.1039/C7TA05774A
944	PBDB-T	PIDIC2T2F	4.07	10.1021/acsami.0c08442
945	PTB7-Th	AOT2	4.06	10.1021/acsaem.0c02719
946	P3HT	Qx1	4.03	10.1021/acsami.8b00216
947	PBDB-T	Ph-DTDP-TTIC	4.02	10.1002/adfm.201705927
948	P3HT	SF-HR	4.01	10.1039/C9RA03188J
949	PTzBI-oF	PY5T	4.01	10.1021/acsenergylett.0c02053
950	P(T4-TPD-M)	ITIC	4	10.1016/j.orgel.2019.02.020
951	BDT-2DPP	IEIC	4	10.1039/C5TA10424F
952	PBDT-TS1	SSBR	3.99	10.1016/j.solener.2018.09.077
953	PBDB-TF	DTP-out-F	3.97	10.1021/acsami.1c06299
954	PTB7-Th	IDT-2BM	3.97	10.1039/C7TC00706J
955	PBTA-BO	IFBR	3.85	10.1002/aenm.201602127

956	PBDB-TF	IEIC	3.8	10.1021/acsami.9b10243
957	PBDB-T	BDTS-4Cl	3.73	10.1021/acs.chemmater.8b04087
958	PCE10-2F	IT-4F	3.71	10.1039/D0TA11203H
959	PTB7-Th	ITOTIC-2F	3.7	10.1002/aenm.201801209
960	P3HT	NAI-FN-NAI(BO)	3.6	10.1021/acsami.6b16395
961	P3HT	Y5	3.6	10.1021/acs.jpcc.0c07162
962	P3HT	IDTIDT-IC	3.58	10.1016/j.jpowsour.2017.08.061
963	PTB7-Th	IDTT(TCV)2	3.57	10.1021/acsami.6b15707
964	P3HT	BTA101	3.55	10.1039/C8TC03963A
965	PBDB-TF	BDTN-Th	3.53	10.1021/acsami.9b22093
966	P3HT	H-IDTzR	3.53	10.1039/C8QM00461G
967	PTB7-Th	IDT(DCV)2	3.53	10.1021/acsami.6b15707
968	P3HT	N4	3.52	10.1039/C7CC03122J
969	PBDB-T	SSBR	3.44	10.1016/j.solener.2018.09.077
970	PBDB-T	IEICO	3.38	10.1021/acsami.9b03499
971	P3HT	Qx3	3.37	10.1007/s11426-019-9618-7
972	PBDTTT-E-T	SSBR	3.36	10.1016/j.solener.2018.09.077
973	J61	SSBR	3.33	10.1016/j.solener.2018.09.077
974	PTB7-Th	AOT1	3.31	10.1021/acsaem.0c02719
975	PTB7-Th	IDT-IC	3.2	10.1039/C6EE00315J
976	PBDB-TF	di-PDI	3.18	10.1002/ajoc.202100585
977	P3HT	PBI	3.17	10.1016/j.orgel.2012.07.002
978	P3HT	F(DPP)2B2	3.17	10.1039/C4TA06035K
979	P3HT	FNTz-Teh-FA	3.12	10.1038/s41427-018-0088-4
980	PTB7-Th	DTPC-IC	3.12	10.1021/jacs.7b13239
981	PTBB-o	ITCPTC	3.09	10.1002/aenm.201802686
982	P3HT	Flu-RH	3.08	10.1039/C4CC01695E
983	PTB7	DTBT(TDPP)2	3.03	10.1021/acs.chemmater.5b02480
984	PBDB-T	BDIC2F	3.01	10.1002/cssc.202100746
985	PBBSB	N2200	3	10.1002/aenm.201703291
986	PBDB-T	PIDIC2T	2.97	10.1021/acsami.0c08442
987	P4_yang	IDIC	2.93	10.1021/acsami.8b04432
988	P3HT	IDTT-CR	2.86	10.1039/D0TA09924D
989	PTB7-Th	IDT(TCV)2	2.84	10.1021/acsami.6b15707
990	P3HT	NTz-Np	2.81	10.1002/adfm.201504153
991	PBDB-T-2Cl	BTCIC	2.8	10.1021/acsami.0c01850
992	P3HT	JC1	2.8	10.1021/acsami.9b08007
993	PBDB-TF	A702	2.73	10.1021/acsaem.1c00584
994	PTB7-Th	DTC-F-C	2.7	10.1016/j.orgel.2020.106026
995	P3HT	ERCN	2.64	10.1002/aenm.201803012
996	PBDB-T	m-4TBC-2F	2.63	10.1002/anie.202010856
997	P3HT	IDT-2PDI	2.61	10.1002/aenm.201400420
998	P3HT	Cz-RH	2.56	10.1039/C4CC01695E

999	P3HT	BT3	2.55	10.1021/acsami.8b10312
1000	P3HT	PI-BT	2.54	10.1021/cm203111k
1001	P3HT	FEHIDT	2.43	10.1039/c3cc42293c
1002	P3HT	Y6	2.41	10.1021/acs.jpcc.0c07162
1003	P3HT	Th-PhCHO	2.4	10.1039/c3cc47289b
1004	P(T4-iI-M)	ITIC	2.4	10.1016/j.orgel.2019.02.020
1005	PCE10-SF	IT-4F	2.4	10.1039/D0TA11203H
1006	P3HT	F8-DPPTCN	2.37	10.1039/C6TA00056H
1007	P3HT	AFI3	2.37	10.1002/ajoc.201700203
1008	J46	ITIC	2.34	10.1016/j.orgel.2018.03.028
1009	P3HT	PMI-F-PMI	2.3	10.1016/j.orgel.2015.03.017
1010	PBDB-T	IDT-BC6	2.3	10.1021/jacs.7b00566
1011	P3HT	N7	2.3	10.1039/C6RA01558A
1012	P(T4-DPP-M)	ITIC	2.2	10.1016/j.orgel.2019.02.020
1013	PBDB-T	IDT-PDOT	2.18	10.1039/C8TA08410F
1014	P3HT	BIBT-NI	2.11	10.1039/C8NJ04896G
1015	PTB7-Th	BTP-3V	2.06	10.1039/D0MA01017K
1016	P3HT	DBS-2DPP	2.05	10.1002/aenm.201200911
1017	PffBT-DPP	MeIC	2	10.1021/acs.chemmater.0c02133
1018	P3HT	FFI-1	1.86	10.1002/adma.201103927
1019	PBDB-T	IDBDT-O	1.83	10.1016/j.synthmet.2021.116922
1020	PBDB-T	CPIC-3	1.71	10.1002/asia.202101147
1021	P3HT	B-PDI-B	1.66	10.1021/jp5093674
1022	PBDB-TF	A4T-21	1.57	10.1038/s41467-021-25394-w
1023	P3HT	IDT-R	1.57	10.1039/D0TA09924D
1024	P3HT	BisPDI-T-di-EG	1.54	10.1039/c3cp51475g
1025	P3HT	BTz-Np	1.53	10.1002/adfm.201504153
1026	PBB	Y6	1.51	10.1021/acs.macromol.0c00405
1027	P3HT	NDI-3TH	1.5	10.1002/aenm.201100285
1028	P3HT	ITIC	1.5	10.1039/c9ta07361b
1029	PBDTTPD	DTI	1.47	10.1002/aenm.201301007
1030	P3HT	DTI	1.45	10.1002/aenm.201301007
1031	P3HT	YF25	1.43	10.1002/aenm.201200372
1032	PDTSBT	DTI	1.32	10.1002/aenm.201301007
1033	P3HT	DPP-FN-DPP	1.2	10.1039/C6NJ03938C
1034	P3HT	N6b	1.16	10.1039/C4RA09668A
1035	PIDT-DTN	ITIC	1.1	10.1021/acs.macromol.6b02733
1036	P2F-EHp	BTPT-4F	1.09	10.1007/s11426-019-9457-5
1037	P3HT	NTz-Teh-FA	1.06	10.1038/s41427-018-0088-4
1038	P3HT	BTA100	1.04	10.1039/C8TC03963A
1039	PBDB-T-4Cl	ICPDT-4F	1.04	10.1021/acs.jpcc.0c09663
1040	PTB7-Th	BTP-4V	1.03	10.1039/D0MA01017K
1041	P3HT	BTP-4Cl	1.01	10.1039/D0EE01763A
1042	P3HT	IDT-CR	0.99	10.1039/D0TA09924D

1043	PTQ8	Y6	0.9	10.1002/adma.201905480
1044	PCDTBT	DTI	0.75	10.1002/aenm.201301007
1045	P3HT	K12	0.73	10.1002/aenm.201000024
1046	PTB7-Th	DTC-T-C	0.71	10.1016/j.orgel.2020.106026
1047	PBDB-T	CPIC-1	0.63	10.1002/asia.202101147
1048	J52-Cl	BTA1	0.6	10.1016/j.orgel.2021.106195
1049	FTAZ	IDTCF	0.59	10.1039/C9QM00314B
1050	PDCBT-Cl	Y6	0.48	10.1016/j.joule.2020.04.014
1051	PBDD4T	ITIC	0.45	10.1021/acs.macromol.6b00248
1052	P3HT	IDTT-R	0.43	10.1039/D0TA09924D
1053	P3HT	SSBR	0.26	10.1016/j.solener.2018.09.077
1054	PCl(3)BDB-T	IT-4F	0.18	10.1002/anie.201807865
1055	J52-Cl	BTA11	0.13	10.1016/j.orgel.2021.106195
1056	PTB7-Th	SF-HR	0.13	10.1039/C9RA03188J
1057	PTB7-Th	SSTI	0.05	10.1002/solr.202000286
1058	P3HT	Qx3c	0.03	10.1007/s11426-019-9618-7
1059	PB2T	IT-M	0.01	10.1039/C6EE03489F
1060	PB2T	ITIC	0.01	10.1002/adfm.201706517

Table S7. Top 2000 D/A combinations from virtual screening.

Reported Donor	Reported Acceptor	Predicted PCE(%)							
		GCN	GAT	GIN	MPNN	GCN_EWN	EGAT	GINE	Mean
PBDB-T-SF	S-WSeSe-Cl	18.73	17.02	16.08	17.76	17.93	17.08	17.24	17.43
PBDB-T-SF	BTP-S2	18.68	16.22	16.53	17.79	17.98	17.01	16.53	17.37
PDBT-F	CH1007	18.27	17.59	15.98	16.73	18.49	17.09	17.84	17.36
PDBT-F	S-WSeSe-Cl	18.14	17.47	16.00	17.44	17.85	17.23	17.40	17.35
PBN-S	S-WSeSe-Cl	18.24	17.11	16.04	17.61	17.52	17.44	17.36	17.33
PDBT-F	BTP-S2	18.43	16.45	16.47	17.43	17.88	17.27	16.59	17.32
PBDB-T-SF	BTP-S1	18.69	16.42	16.47	16.96	18.43	16.86	16.42	17.31
PDTB-EF-T	S-WSeSe-Cl	18.58	16.94	15.78	17.09	17.91	17.45	17.12	17.29
PBQx-TF	S-WSeSe-Cl	17.57	19.04	14.84	18.62	17.22	16.45	18.56	17.29
PBDB-T-SF	CH1007	17.91	17.36	15.94	17.06	18.62	16.82	17.42	17.28
PDBT-F	BTP-S1	18.53	16.72	16.46	16.55	18.27	17.15	16.72	17.28
PBN-S	CH1007	18.25	17.29	15.52	16.85	18.35	17.33	17.42	17.27
PBDB-T-SF	A-WSSe-Cl	18.33	16.66	15.83	17.61	17.95	17.19	16.75	17.26
PBN-S	BTP-S2	18.43	16.25	16.45	17.62	17.53	17.24	16.64	17.25
PBT-SF	S-WSeSe-Cl	18.25	16.86	15.88	17.42	17.76	17.30	16.69	17.25
PDTB-EF-T	BTP-S2	18.60	16.34	16.16	17.11	17.89	17.25	16.31	17.23
D18	S-WSeSe-Cl	17.47	17.48	16.16	17.40	17.78	16.99	18.50	17.21
PBT-SF	BTP-S2	18.34	16.16	16.37	17.48	17.75	17.13	15.86	17.21
PDBT-F	A-WSSe-Cl	17.90	17.05	15.74	17.27	17.87	17.37	16.83	17.20
PBDB-T-SF	BTIC-BO-4Br	18.89	15.90	15.66	17.77	17.99	16.94	16.55	17.19
PBN-S	A-WSSe-Cl	18.00	16.75	15.79	17.45	17.57	17.56	16.80	17.19
PDTB-EF-T	BTP-S1	18.57	16.64	15.69	16.51	18.50	17.08	16.05	17.16
PBDB-T-SF	BTP-ClBr1	18.42	16.15	15.63	17.65	18.01	17.08	16.54	17.16
PBDB-T-SF	BTP-ClBr2	18.55	16.14	15.74	17.58	17.95	16.89	16.50	17.14
PBN-S	BTP-S1	18.49	16.35	16.01	16.89	18.02	17.09	16.51	17.14
PDTB-EF-T	A-WSSe-Cl	18.19	16.69	15.52	16.96	17.96	17.50	16.53	17.14
PBCT-2F	S-WSeSe-Cl	18.15	17.42	16.04	16.99	16.82	17.40	18.70	17.14
PBQx-TF	A-WSSe-Cl	17.33	18.69	14.81	18.40	17.29	16.23	18.02	17.12
PBCT-2F	BTP-S2	18.43	16.69	16.47	17.03	16.84	17.21	17.90	17.11
PBT-SF	BTP-S1	18.13	16.27	16.40	16.55	18.32	16.98	15.52	17.11
PBQx-TF	BTP-ClBr	17.53	18.40	14.96	18.51	17.27	15.95	17.56	17.10
PDBT-F	BTIC-BO-4Br	18.34	16.29	15.55	17.41	17.86	17.13	16.68	17.10
PDTB-EF-T	CH1007	17.74	17.19	15.12	16.38	18.91	17.23	16.33	17.09
PBT-SF	A-WSSe-Cl	17.87	16.57	15.61	17.25	17.83	17.41	16.10	17.09
PBN-S	BTIC-BO-4Br	18.46	16.03	15.63	17.68	17.55	17.17	16.64	17.09
PBN-S	BTP-ClBr2	18.23	16.24	15.74	17.45	17.56	17.29	16.60	17.09
PDBT-F	BTP-ClBr2	18.14	16.58	15.63	17.24	17.83	17.06	16.66	17.08
PDBT-F	BTP-ClBr1	17.95	16.52	15.52	17.31	17.89	17.29	16.71	17.08
PDTB-EF-T	BTIC-BO-4Br	18.75	16.10	15.35	17.21	17.98	17.07	16.27	17.08
PBN-S	BTP-ClBr1	18.06	16.24	15.64	17.53	17.59	17.37	16.63	17.07
PBQx-TF	BTP-ClBr2	17.52	18.45	14.72	18.36	17.34	15.99	17.88	17.06
PDTB-EF-T	BTP-ClBr2	18.40	16.19	15.48	16.98	18.02	17.26	16.25	17.05
PDTB-EF-T	BTP-ClBr1	18.28	16.28	15.37	17.05	18.02	17.28	16.25	17.05
D18	BTP-S2	17.60	16.74	16.43	17.42	17.76	16.30	17.69	17.04

PBT-SF	BTIC-BO-4Br	18.53	16.12	15.38	17.38	17.77	17.06	15.84	17.04
PBDB-T-SF	BO-4Cl	17.85	16.16	15.56	17.39	17.97	17.28	16.43	17.04
D18	A-WSSe-Cl	17.19	17.03	15.91	17.24	17.85	16.99	17.98	17.03
PBDB-TSCl	S-WSeSe-Cl	18.34	16.58	15.83	17.64	17.02	16.71	17.08	17.02
PBDB-T-SF	BTP-4Cl,eC9	17.80	16.20	15.54	17.37	17.93	17.27	16.35	17.02
PBDB-T-SF	BTP-eC9	17.80	16.20	15.54	17.37	17.93	17.27	16.35	17.02
PBQx-TF	BTP-ClBr1	17.34	18.49	14.51	18.50	17.31	15.95	17.92	17.02
PDBT-F	BTP-2F-2Cl,SY2	17.92	16.75	15.55	16.09	18.22	17.53	16.45	17.01
PBDB-T-SF	BTP-ClBr	18.39	15.87	15.96	17.64	17.94	16.26	16.39	17.01
PBT-SF	BTP-ClBr1	17.99	16.26	15.37	17.27	17.86	17.23	15.79	17.00
PBN-S	BTP-ClBr	18.17	15.99	15.94	17.51	17.52	16.80	16.50	16.99
PBN-S	BO-4Cl	17.75	16.18	15.54	17.21	17.62	17.61	16.50	16.99
PBN-S	BTP-2F-2Cl,SY2	17.94	16.59	15.61	16.29	18.04	17.43	16.22	16.98
PBT-SF	CH1007	17.26	16.74	15.46	16.67	18.76	17.03	15.90	16.98
PDTB-EF-T	BTP-ClBr	18.27	16.02	15.68	17.05	17.95	16.91	16.18	16.98
PBDB-T-SF	BTP-2F-2Cl,SY2	17.76	16.53	15.66	16.50	18.34	17.05	16.13	16.97
PBT-SF	BTP-ClBr2	18.12	16.11	15.48	17.19	17.82	17.13	15.80	16.97
PDBT-F	BO-4Cl	17.67	16.31	15.47	17.03	17.88	17.47	16.58	16.97
PDBT-Cl	S-WSeSe-Cl	17.73	17.03	15.76	17.27	17.12	16.93	17.23	16.97
PBN-S	BTP-eC9	17.70	16.24	15.50	17.18	17.61	17.57	16.42	16.97
PBN-S	BTP-4Cl,eC9	17.70	16.24	15.50	17.18	17.61	17.57	16.42	16.97
PTO2	S-WSeSe-Cl	17.88	16.77	15.59	16.80	17.85	16.92	17.87	16.97
D18	CH1007	16.74	17.72	14.98	16.71	18.91	16.74	18.80	16.97
PDTB-EF-T	BTP-2F-2Cl,SY2	17.68	16.78	15.31	15.95	18.71	17.35	15.65	16.96
PDBT-F	BTP-ClBr	18.15	16.24	15.85	17.29	17.82	16.43	16.29	16.96
PDBT-F	Y6-Se	18.35	16.66	15.32	16.01	18.03	17.38	16.21	16.96
PBCT-2F	A-WSSe-Cl	17.91	16.96	15.78	16.83	16.81	17.45	18.17	16.96
PDBT-F	BTP-4Cl,eC9	17.63	16.38	15.43	16.98	17.84	17.46	16.50	16.95
PDBT-F	BTP-eC9	17.63	16.38	15.43	16.98	17.84	17.46	16.50	16.95
PBQx-TF	BTIC-BO-4Br	17.66	18.51	13.81	18.74	17.22	15.78	17.93	16.95
PBQx-TF	CH1007	16.84	20.59	12.52	17.70	18.06	15.94	18.80	16.94
D18	BTP-ClBr2	17.38	16.59	15.84	17.19	17.88	16.74	17.75	16.94
PBN-S	BTP-S9	17.72	16.45	15.58	16.60	17.90	17.34	16.16	16.93
PDBT-Cl	BTP-S2	17.93	16.22	16.25	17.29	17.01	16.89	16.51	16.93
W1	S-WSeSe-Cl	17.79	16.55	15.68	17.07	17.59	16.90	16.63	16.93
PDBT-F	BTP-FCl-FCl	17.99	16.43	15.59	16.00	18.21	17.34	16.42	16.93
PFOPB	S-WSeSe-Cl	17.74	16.95	15.86	17.11	17.25	16.65	16.94	16.93
PDTB-EF-T	BO-4Cl	17.77	16.15	15.28	16.78	18.02	17.57	16.19	16.93
PBDB-TSCl	BTP-S2	18.50	15.64	16.31	17.67	16.90	16.52	16.38	16.92
PDBT-Cl	CH1007	17.36	17.10	15.81	16.56	17.98	16.71	17.48	16.92
PBCT-2F	BTP-S1	18.59	17.08	16.00	16.16	16.61	17.05	18.05	16.92
D18	BTP-ClBr1	17.19	16.64	15.73	17.26	17.87	16.77	17.79	16.91
PDTB-EF-T	BTP-eC9	17.68	16.23	15.23	16.76	18.02	17.52	16.11	16.91
PDTB-EF-T	BTP-4Cl,eC9	17.68	16.23	15.23	16.76	18.02	17.52	16.11	16.91
PDBT-F	BTP-S9	17.63	16.49	15.52	16.45	18.05	17.27	16.38	16.90
D18	BTP-ClBr	17.40	16.38	16.06	17.24	17.81	16.51	17.44	16.90

PBN-S	BTP-FCl-FCl	17.98	16.38	15.64	16.18	18.03	17.20	16.15	16.90
D18	BTIC-BO-4Br	17.52	16.47	15.63	17.36	17.81	16.59	17.76	16.90
PBDB-T-SF	LL3-2Cl	17.70	16.21	15.52	16.73	17.86	17.34	16.40	16.90
PBDB-T-SF	BTP-S9	17.45	16.33	15.63	16.83	18.18	16.93	16.12	16.89
PBDB-T-SF	Y6-Se	18.09	16.45	15.29	16.41	18.14	16.96	16.17	16.89
PBT-SF	BTP-ClBr	18.04	16.00	15.70	17.26	17.79	16.51	15.87	16.88
W1	BTP-S2	18.15	15.96	16.12	17.06	17.46	16.53	15.86	16.88
PDTB-EF-T	BTP-FCl-FCl	17.58	16.62	15.34	15.84	18.73	17.15	15.51	16.88
PDTB-EF-T	BTP-S9	17.40	16.53	15.29	16.24	18.49	17.30	15.72	16.88
PBDB-T-SF	BTP-FCl-FCl	17.61	16.37	15.70	16.41	18.35	16.82	16.10	16.87
PDBT-F	BP5T-4F	17.95	16.63	15.18	15.96	18.10	17.41	16.42	16.87
PDBT-Cl	BTP-S1	17.84	16.51	16.26	16.40	17.47	16.74	16.44	16.87
PTO2	BTP-S2	18.11	15.73	16.04	16.78	17.85	16.72	17.04	16.87
PBQx-TF	BTP-S2	17.69	17.64	14.53	18.70	17.30	15.34	17.84	16.87
PBDB-TSCl	A-WSSe-Cl	18.09	16.22	15.58	17.50	17.09	16.72	16.50	16.87
PBN-S	LL3-2Cl	17.61	16.29	15.48	16.69	17.49	17.62	16.46	16.87
PBCT-2F	BTP-ClBr1	18.00	16.61	15.57	16.89	16.75	17.28	18.04	16.85
PBCT-2F	BTIC-BO-4Br	18.44	16.44	15.52	17.02	16.60	17.08	18.00	16.85
PBDB-T-SF	Y19	17.61	16.26	15.47	16.63	17.80	17.30	16.32	16.85
SZ5	S-WSeSe-Cl	17.55	16.92	15.74	16.94	16.95	16.96	17.53	16.84
PBT-SF	BO-4Cl	17.46	16.00	15.32	17.00	17.89	17.39	15.66	16.84
PBQx-TF	LL3	18.09	16.00	15.63	18.01	17.14	16.19	31.02	16.84
PDBT-Cl	A-WSSe-Cl	17.44	16.68	15.50	17.11	17.20	17.06	16.71	16.83
PBT-SF	BTP-4Cl,eC9	17.37	16.07	15.28	16.97	17.90	17.37	15.57	16.83
PBT-SF	BTP-eC9	17.37	16.07	15.28	16.97	17.90	17.37	15.57	16.83
TPD-3F	S-WSeSe-Cl	17.78	17.59	15.71	15.63	17.38	16.89	16.35	16.83
PBCT-2F	BTP-ClBr2	18.17	16.50	15.68	16.80	16.61	17.21	17.99	16.83
PDTB-EF-T	LL3-2Cl	17.66	16.35	15.21	16.34	17.84	17.57	16.05	16.83
PBCT-2F	BTP-ClBr	18.17	16.36	15.90	16.88	16.69	16.95	17.57	16.82
D18	BO-4Cl	16.96	16.53	15.67	17.01	17.92	16.83	17.74	16.82
PBT-SF	BTP-2F-2Cl,SY2	17.39	16.56	15.36	16.04	18.50	17.08	15.11	16.82
PBQx-TF	BO-4Cl	17.10	17.67	14.77	18.11	17.36	15.91	17.78	16.82
PBN-S	Y19	17.54	16.35	15.43	16.59	17.45	17.55	16.38	16.82
PBN-S	Y6-Se	18.21	16.27	14.95	16.15	17.92	17.34	16.32	16.81
PTO2	CH1007	17.65	16.67	15.24	16.09	18.53	16.66	18.00	16.81
D18	BTP-2F-2Cl,SY2	16.99	16.99	15.61	16.10	18.68	16.47	17.56	16.81
PDBT-F	BTP-6F	17.96	16.57	14.70	15.93	18.58	17.09	16.62	16.80
D18	BTP-4Cl,eC9	16.91	16.59	15.62	16.96	17.96	16.77	17.67	16.80
D18	BTP-eC9	16.91	16.59	15.62	16.96	17.96	16.77	17.67	16.80
PDBT-F	LL3-2Cl	17.41	16.34	15.41	16.35	17.76	17.51	16.40	16.80
PDBT-F	Y6-2Se	17.52	16.94	15.73	16.18	18.08	16.31	15.93	16.79
D18	BTP-S1	17.14	16.95	15.83	16.55	18.39	15.89	17.81	16.79
PBQx-TF	BTP-4Cl,eC9	17.05	17.79	14.59	18.10	17.39	15.82	17.71	16.79
PBQx-TF	BTP-eC9	17.05	17.79	14.59	18.10	17.39	15.82	17.71	16.79
D18	BTP-S9	16.94	16.78	15.59	16.40	18.43	16.57	17.51	16.79
PDTB-EF-T	Y19	17.55	16.43	15.16	16.24	17.84	17.49	16.01	16.78
PTO2	A-WSSe-Cl	17.63	16.29	15.33	16.63	17.89	16.93	17.34	16.78

PBQx-TF	LL4	17.30	16.74	15.31	17.97	17.40	15.95	30.67	16.78
PBDB-T-SF	TB-4Cl	17.72	16.25	15.30	16.59	17.73	17.06	16.09	16.78
PDBT-F	ABP4T-4F	18.04	16.52	15.04	15.75	18.16	17.14	16.36	16.77
PBDB-TSCl	BTP-S1	18.53	15.29	16.27	16.86	17.34	16.34	16.19	16.77
W1	A-WSSe-Cl	17.51	16.30	15.42	16.88	17.58	16.92	16.01	16.77
PBCT-2F	BO-4Cl	17.67	16.48	15.53	16.59	16.79	17.50	17.97	16.76
PBT-SF	BTP-S9	17.12	16.47	15.31	16.36	18.30	16.99	15.15	16.76
PBN-S	TB-4Cl	17.62	16.33	15.26	16.53	17.44	17.35	16.15	16.75
SZ5	BTP-S2	17.71	16.06	16.23	16.95	16.78	16.78	16.85	16.75
PBDB-TSCl	CH1007	17.78	15.84	15.77	16.93	17.87	16.33	17.01	16.75
PBDB-TSCl	BTP-ClBr2	18.24	15.76	15.47	17.46	17.12	16.46	16.30	16.75
PBT-SF	LL3-2Cl	17.47	16.23	15.26	16.30	17.80	17.45	15.54	16.75
PBDB-TSCl	BTIC-BO-4Br	18.50	15.58	15.38	17.65	17.03	16.36	16.35	16.75
PDBT-F	Y19	17.31	16.41	15.37	16.23	17.69	17.48	16.35	16.75
PDBT-F	Y12	18.14	16.31	14.89	15.76	18.31	17.08	16.56	16.75
PDBT-F	Y6-BO	18.14	16.31	14.89	15.76	18.31	17.08	16.56	16.75
PBQx-TF	LL3-2Cl	17.14	17.84	14.53	17.66	17.37	15.95	17.68	16.75
PDTB-EF-T	Y6-Se	17.92	16.51	14.59	15.81	18.37	17.26	16.24	16.75
PBDB-TSCl	BTP-ClBr1	18.13	15.78	15.36	17.53	17.11	16.52	16.34	16.74
PE4	S-WSeSe-Cl	16.94	16.49	15.84	17.05	17.69	16.38	16.69	16.73
PBDB-T-SF	BP5T-4F	17.40	16.43	15.16	16.28	18.21	16.88	15.93	16.73
PFOPB	A-WSSe-Cl	17.46	16.44	15.68	16.95	17.29	16.55	16.35	16.73
BO2FC8	S-WSeSe-Cl	17.21	16.94	16.09	16.32	16.76	17.02	16.63	16.72
PBDB-T2F,PM6,PBDB-TF	BO-4Cl	17.17	16.26	15.60	16.61	17.57	17.12	16.29	16.72
PDBT-F	BTPTT-4F,Y6	17.98	16.42	15.09	15.41	18.27	17.15	16.36	16.72
D18	LL3-2Cl	17.03	16.64	15.60	16.36	17.82	16.87	17.50	16.72
PBCT-2F	BTP-eC9	17.65	16.54	15.49	16.58	16.61	17.45	17.91	16.72
PBCT-2F	BTP-4Cl,eC9	17.65	16.54	15.49	16.58	16.61	17.45	17.91	16.72
PBQ-4F	LL3	17.61	14.83	15.89	17.69	17.23	17.06	26.43	16.72
D18	BTP-FCl-FCl	16.78	16.89	15.63	16.01	18.82	16.17	17.51	16.72
PDTB-EF-T	TB-4Cl	17.57	16.25	14.99	16.18	17.98	17.33	15.83	16.72
PBN-S	Y6-2Se	17.32	16.82	15.18	16.39	17.94	16.64	15.86	16.71
PBT-SF	Y19	17.34	16.30	15.22	16.20	17.80	17.41	15.47	16.71
PBN-S	BP5T-4F	17.78	16.22	15.12	15.98	17.92	17.23	15.90	16.71
PE4	BTP-S2	17.31	15.78	16.33	17.07	17.52	16.23	15.96	16.71
PBT-SF	BTP-FCl-FCl	17.20	16.38	15.38	15.95	18.49	16.85	15.02	16.71
PTO2	BTP-ClBr2	17.85	15.86	15.28	16.59	17.97	16.69	17.09	16.71
PDBT-F	TB-4Cl	17.55	16.48	15.19	16.18	17.60	17.23	16.24	16.70
W1	BTIC-BO-4Br	17.93	15.94	15.18	17.03	17.69	16.45	15.79	16.70
PTO2	BTP-S1	18.03	15.80	15.64	15.93	18.32	16.48	17.03	16.70
SZ5	A-WSSe-Cl	17.26	16.60	15.49	16.78	17.03	17.03	17.04	16.70
PBT1-EH	S-WSeSe-Cl	17.90	17.24	15.91	16.74	15.46	16.90	15.59	16.69
PBQx-TF	Y19	17.02	17.95	14.35	17.59	17.39	15.85	17.62	16.69
W1	BTP-S1	18.10	16.53	15.74	16.19	17.47	16.12	15.42	16.69
PDBT-F	N3	18.02	16.08	15.02	15.53	18.43	17.06	16.34	16.69
D18	LL3	17.93	15.17	16.72	16.43	17.04	16.84	32.20	16.69
PDBT-Cl	BTP-ClBr2	17.61	16.08	15.37	17.10	17.20	16.76	16.53	16.69

PBQx-TF	BTP-S9	17.06	18.50	13.69	17.43	17.88	15.54	17.54	16.68
W1	BTP-ClBr2	17.71	15.87	15.31	16.84	17.68	16.69	15.73	16.68
PTO2	BTIC-BO-4Br	18.05	15.61	15.16	16.78	17.99	16.49	17.09	16.68
W1	BTP-ClBr1	17.57	16.07	15.20	16.91	17.65	16.67	15.72	16.68
D18	LL4	17.18	15.64	16.59	16.44	17.49	16.71	31.86	16.68
PDBT-F	BPS-4F	17.51	16.87	15.55	16.47	17.74	15.90	17.01	16.67
D18	Y19	16.92	16.70	15.54	16.24	17.83	16.80	17.45	16.67
TPD-3F	A-WSSe-Cl	17.53	17.06	15.69	15.42	17.42	16.90	15.68	16.67
PBQx-TF	BTP-S1	17.25	18.62	13.84	17.80	17.73	14.78	17.90	16.67
PTO2	BTP-ClBr1	17.66	15.83	15.17	16.66	18.00	16.70	17.11	16.67
J62	LL3	18.73	15.56	16.57	15.86	16.89	16.41	23.63	16.67
PBDB-TSCl	BTP-ClBr	18.27	15.58	15.69	17.52	17.06	15.87	16.26	16.67
PDBT-Cl	BTP-ClBr1	17.38	16.04	15.27	17.17	17.21	16.93	16.56	16.67
PBDB-T-SF	Y6-2Se	16.66	16.77	15.72	16.60	18.20	16.04	15.78	16.67
PBDB-TSCl	BO-4Cl	17.79	15.79	15.31	17.26	17.16	16.66	16.20	16.66
PDBT-Cl	BTIC-BO-4Br	17.77	15.73	15.29	17.29	17.14	16.76	16.55	16.66
PTO2	BTP-ClBr	17.84	15.62	15.49	16.64	17.93	16.47	16.80	16.66
PDTB-EF-T	LL4	17.52	15.64	16.27	15.77	17.67	17.10	28.14	16.66
PBQx-TF	BTP-2F-2Cl,SY2	17.09	18.78	13.75	17.10	17.94	15.30	17.59	16.66
PBDB-T-SF	BTP-6F	17.55	16.28	14.65	16.21	18.72	16.55	16.00	16.66
PFOPB	BTP-ClBr2	17.63	16.08	15.67	16.96	17.32	16.30	16.14	16.66
PBN-S	Y6-BO	17.91	16.18	14.91	15.73	18.20	17.01	16.07	16.65
PBN-S	Y12	17.91	16.18	14.91	15.73	18.20	17.01	16.07	16.65
SZ5	CH1007	16.98	16.80	15.37	16.23	17.75	16.77	17.84	16.65
2T-TTC-BDTFT	S-WSeSe-Cl	17.39	16.87	15.44	16.03	17.00	17.18	16.81	16.65
W1	BTP-ClBr	17.72	15.77	15.53	16.89	17.60	16.40	15.78	16.65
PBDB-TSCl	BTP-eC9	17.73	15.82	15.27	17.25	17.18	16.65	16.12	16.65
PBDB-TSCl	BTP-4Cl,eC9	17.73	15.82	15.27	17.25	17.18	16.65	16.12	16.65
PFOPB	BTP-S2	17.91	16.08	15.84	17.12	17.11	15.81	16.22	16.64
PDTB-EF-T	LL3	18.10	15.30	16.41	15.79	17.10	17.15	28.58	16.64
PDBT-F	L8-BO	18.04	16.37	15.08	15.32	17.84	17.19	16.33	16.64
PBDB-T-SF	HDO-4Cl	17.26	15.73	15.12	16.75	17.73	17.23	16.49	16.64
PBFTT	BTP-S2	18.26	15.71	15.94	16.77	17.15	15.98	15.97	16.64
PDBT-Cl	BO-4Cl	17.17	16.12	15.22	16.88	17.28	17.15	16.46	16.64
PDBT-2F	BTP-S2	17.62	15.47	15.69	17.52	17.37	16.13	15.19	16.63
PBT-SF	LL3	18.28	15.40	16.43	15.82	17.32	16.55	27.66	16.63
PBCT-2F	BTP-2F-2Cl,SY2	17.95	17.00	15.52	15.72	16.20	17.40	18.00	16.63
PBCT-2F	CH1007	18.01	17.76	15.18	16.26	15.34	17.24	19.25	16.63
PDBT-F	AQx	17.92	16.48	15.09	15.85	17.17	17.28	14.93	16.63
J62	S-WSeSe-Cl	17.25	17.02	15.97	16.53	16.37	16.66	14.46	16.63
PDBT-2F	S-WSeSe-Cl	17.31	16.23	15.11	17.50	17.47	16.16	15.97	16.63
PDBT-F	HDO-4Cl	17.34	15.92	15.03	16.36	17.62	17.50	16.57	16.63
PBN-S	ABP4T-4F	17.80	16.19	15.03	15.72	18.02	17.00	15.85	16.63
PBT-SF	LL4	17.48	15.75	16.41	15.81	17.75	16.56	27.16	16.62
PDBT-Cl	BTP-4Cl,eC9	17.12	16.16	15.18	16.83	17.31	17.14	16.38	16.62
PDBT-Cl	BTP-eC9	17.12	16.16	15.18	16.83	17.31	17.14	16.38	16.62
PFOPB	BTP-ClBr	17.65	15.86	15.85	17.02	17.27	16.08	16.18	16.62

PDTB-EF-T	BP5T-4F	17.27	16.51	14.73	15.67	18.38	17.16	14.56	16.62
PBDB-T-SF	ABP4T-4F	17.40	16.39	15.02	16.02	18.27	16.62	15.88	16.62
PDBT-Cl	BTP-2F-2Cl,SY2	17.36	16.55	15.29	15.94	17.56	16.98	16.15	16.61
TPD-3F	LL3	18.15	15.06	16.41	16.37	16.88	16.80	25.57	16.61
PBDB-T-SF	Y6-BO	17.53	16.28	14.83	16.01	18.43	16.60	16.10	16.61
PBDB-T-SF	Y12	17.53	16.28	14.83	16.01	18.43	16.60	16.10	16.61
PDBT-F	Y18	17.73	16.32	15.10	15.11	18.11	17.31	15.91	16.61
PFOPB	BTP-ClBr1	17.44	16.07	15.54	17.03	17.31	16.28	16.18	16.61
PBDB-T2F,PM6,PBDB-TF	LL3-2Cl	17.19	16.29	15.53	16.05	17.50	17.11	16.25	16.61
PBDB-T2F,PM6,PBDB-TF	BTP-FCl-FCl	17.30	16.36	15.64	15.66	17.83	16.88	15.96	16.61
PBN-S	HDO-4Cl	17.35	15.70	15.13	16.61	17.36	17.52	16.57	16.61
TPD-3F	LL4	17.47	15.69	16.17	16.36	17.26	16.67	25.09	16.60
TPD-3F	BTP-ClBr2	17.75	16.61	15.67	15.47	17.45	16.65	15.38	16.60
PBT-SF	TB-4Cl	17.26	16.08	15.04	16.16	17.85	17.21	15.31	16.60
D18	TB-4Cl	16.83	16.63	15.36	16.17	17.96	16.63	17.40	16.60
W1	CH1007	17.23	16.76	15.13	16.32	17.50	16.64	15.80	16.60
PFOPB	BTIC-BO-4Br	17.81	15.87	15.32	17.19	17.27	16.10	16.19	16.60
PBFTT	S-WSeSe-Cl	17.95	16.26	15.41	16.75	17.07	16.12	16.90	16.60
PBCT-2F	LL3-2Cl	17.44	16.62	15.47	15.98	16.57	17.50	17.67	16.60
TPD-3F	BTP-ClBr	17.76	16.57	15.85	15.57	17.40	16.40	15.45	16.59
PBN-S	BPS-4F	17.36	16.71	15.02	16.59	17.59	16.28	16.66	16.59
TPD-3F	BTP-S2	17.98	16.72	15.53	15.68	17.24	16.39	15.37	16.59
PFBDB-T	S-WSeSe-Cl	16.97	17.19	15.75	16.31	16.40	16.92	16.89	16.59
TPD-3F	BTP-ClBr1	17.54	16.78	15.44	15.58	17.47	16.72	15.36	16.59
PDBT-Cl	Y6-Se	17.69	16.48	15.12	15.87	17.48	16.88	16.20	16.59
PBN-S	N3	17.82	16.00	15.00	15.55	18.22	16.93	15.81	16.59
PBN-S	L8-BO	17.82	16.43	15.02	15.49	17.66	17.08	15.87	16.58
PDTB-EF-T	Y12	17.33	16.53	14.58	15.39	18.72	16.94	14.64	16.58
PDTB-EF-T	Y6-BO	17.33	16.53	14.58	15.39	18.72	16.94	14.64	16.58
PBN-S	Y11	17.77	16.26	14.82	15.54	17.93	17.17	16.04	16.58
PBDB-T-2Cl	S-WSeSe-Cl	17.09	17.08	15.89	16.75	16.09	16.60	16.92	16.58
PTO2	BO-4Cl	17.39	15.72	15.09	16.38	17.92	16.99	17.07	16.58
PBT-SF	Y6-Se	17.52	15.96	14.84	15.94	18.21	17.02	15.79	16.58
PBN-S	BTP-6F	17.69	16.00	14.72	15.84	18.29	16.95	15.97	16.58
PDTB-EF-T	Y6-2Se	16.53	16.89	14.78	16.01	18.51	16.75	15.30	16.58
PBN-S	LL4	17.49	15.09	16.49	16.01	17.39	16.99	29.68	16.58
SZ5	BTP-ClBr2	17.42	16.09	15.39	16.77	17.01	16.78	16.88	16.58
BO2FC8	BTP-S2	17.33	16.06	16.48	16.32	16.56	16.69	15.85	16.58
PBN-S	BTPTT-4F,Y6	17.74	16.19	15.02	15.42	18.08	17.00	15.80	16.57
PBN-S	Y18	17.81	16.25	14.98	15.32	17.92	17.15	15.77	16.57
PBCT-2F	BTP-S9	17.63	16.77	15.50	16.03	16.13	17.35	17.90	16.57
PE4	A-WSSe-Cl	16.69	16.24	15.58	16.86	17.70	16.34	16.09	16.57
PBQx-TF	TB-4Cl	16.97	17.86	14.16	17.32	17.38	15.74	17.44	16.57
PBN-S	PT2IC-4Cl	17.14	15.34	15.64	16.96	17.11	17.20	15.92	16.57
PDBT-Cl	BTP-ClBr	17.63	15.74	15.59	17.16	17.16	16.12	16.29	16.57

PBCT-2F	BTP-FCl-FCl	17.93	16.95	15.55	15.63	16.05	17.25	17.95	16.56
PBDB-T-SF	N3	17.38	16.09	15.00	15.81	18.53	16.54	15.84	16.56
PTO2	BTP-2F-2Cl,SY2	17.61	15.97	15.16	15.44	18.35	16.80	16.82	16.56
PBFTT	BTP-S1	18.30	16.31	16.04	15.79	17.15	15.74	15.82	16.56
PDBT-Cl	BTP-S9	17.17	16.25	15.26	16.30	17.49	16.85	16.13	16.55
BO2FC8	A-WSSe-Cl	16.94	16.48	15.84	16.17	16.82	17.07	16.02	16.55
PTO2	BTP-4Cl,eC9	17.34	15.78	15.04	16.33	17.87	16.95	17.01	16.55
PTO2	BTP-eC9	17.34	15.78	15.04	16.33	17.87	16.95	17.01	16.55
PBDB-T-SF	PT2IC-4Cl	16.98	15.28	15.68	17.07	17.48	16.80	15.87	16.55
PDTB-EF-T	HDO-4Cl	17.15	15.65	14.89	16.26	17.84	17.48	16.15	16.55
SZ5	BTP-ClBr1	17.20	16.09	15.29	16.85	17.03	16.82	16.91	16.55
PBT1-EH	A-WSSe-Cl	17.67	16.84	15.84	16.54	15.47	16.93	14.76	16.55
PBDB-TSCl	BTP-2F-2Cl,SY2	17.85	15.69	15.38	16.39	17.56	16.39	15.85	16.54
PBDB-TSCl	LL3-2Cl	17.66	15.86	15.25	16.63	17.13	16.73	16.09	16.54
PDTB-EF-T	ABP4T-4F	17.19	16.51	14.69	15.39	18.55	16.94	14.41	16.54
BO2FC8	LL3	17.88	15.15	16.68	16.33	16.29	16.92	27.47	16.54
W1	BO-4Cl	17.26	15.70	15.15	16.63	17.57	16.93	15.56	16.54
PBDB-T-SF	L8-BO	17.38	16.44	15.06	15.69	17.96	16.70	15.90	16.54
PDBT-F	LL4	17.19	14.79	16.55	16.48	17.60	16.63	33.12	16.54
J61	LL3	18.79	15.69	16.64	15.87	16.61	15.63	23.75	16.54
PBN-S	AQx	17.78	16.30	14.92	15.96	17.14	17.13	15.01	16.54
TPD-3F	BTIC-BO-4Br	17.90	16.76	14.88	15.81	17.35	16.52	15.39	16.54
SZ5	BTIC-BO-4Br	17.58	15.80	15.27	17.01	16.93	16.63	16.90	16.54
PBN-S	LL3	17.94	14.60	16.61	16.03	17.04	16.98	30.01	16.53
2T-TTC-BDTFT	LL3	17.80	15.06	16.06	16.38	16.89	17.00	28.28	16.53
PBDB-TSCl	BTP-S9	17.63	15.73	15.36	16.70	17.48	16.29	15.84	16.53
PDTB-EF-T	Y11	17.25	16.60	14.50	15.29	18.41	17.11	14.80	16.53
PBDB-T-SF	LL4	17.49	14.90	16.61	16.17	17.69	16.33	30.31	16.53
PBDB-T2F,PM6,PBDB-TF	LL4	17.19	14.75	16.53	16.44	17.40	16.84	30.32	16.53
PBQx-TF	BTP-FCl-FCl	16.91	18.74	13.65	16.99	17.93	14.94	17.52	16.53
SZ5	BTP-S1	17.39	15.94	15.87	16.10	17.25	16.60	16.79	16.53
PDTB-EF-T	BTP-6F	17.28	16.18	14.41	15.40	18.98	16.88	14.18	16.52
PBB-F	S-WSeSe-Cl	17.17	17.77	14.95	16.13	16.12	16.97	18.23	16.52
PDBT-F	Y11	17.43	16.19	14.82	15.41	18.05	17.20	16.14	16.52
SZ5	BO-4Cl	17.00	16.15	15.24	16.55	17.10	17.04	16.81	16.51
PDBT-Cl	BTP-FCl-FCl	17.35	16.25	15.34	15.85	17.54	16.76	16.11	16.51
PTO2	BTP-S9	17.35	15.80	15.14	15.78	18.22	16.77	16.77	16.51
PBDB-T-SF	AQx	17.26	16.40	15.08	16.22	17.34	16.76	14.86	16.51
PBDB-T2F,PM6,PBDB-TF	LL3	17.80	14.07	16.65	16.47	17.12	16.95	30.64	16.51
W1	LL3	17.52	15.11	16.34	16.21	17.13	16.76	28.14	16.51
PDTB-EF-T	L8-BO	17.19	16.74	14.65	15.22	18.23	17.02	14.49	16.51
PFOPB	BO-4Cl	17.21	16.04	15.46	16.73	17.29	16.32	16.04	16.51
PBDB-T-SF	Y18	17.11	16.34	15.08	15.47	18.23	16.79	15.69	16.50
PDBT-Cl	LL3-2Cl	17.12	16.11	15.16	16.21	17.23	17.19	16.34	16.50
PBDB-TSCl	Y19	17.57	15.89	15.21	16.53	17.12	16.70	16.04	16.50

PDTB-EF-T	N3	17.21	16.34	14.66	15.26	18.68	16.87	14.41	16.50
PBCT-2F	Y19	17.34	16.68	15.41	15.86	16.28	17.43	17.63	16.50
2T-TTC-BDTFT	A-WSSe-Cl	17.12	16.46	15.26	15.88	17.07	17.22	16.22	16.50
W1	LL4	17.03	15.45	16.19	16.21	17.50	16.62	27.68	16.50
W1	BTP-eC9	17.21	15.79	15.11	16.58	17.45	16.86	15.46	16.50
W1	BTP-4Cl,eC9	17.21	15.79	15.11	16.58	17.45	16.86	15.46	16.50
D18	Y6-2Se	16.03	17.26	14.64	16.16	18.57	16.35	17.03	16.50
J52-2F,J52-F,PFBZ	S-WSeSe-Cl	16.75	16.46	15.72	16.77	16.79	16.51	16.45	16.50
SZ5	BTP-ClBr	17.45	15.81	15.61	16.84	16.97	16.30	16.63	16.50
PBQ-4F	LL4	16.87	15.30	15.73	17.64	16.50	16.94	25.93	16.50
PDTB-EF-T	Y18	17.23	16.58	14.59	15.11	18.37	17.10	14.57	16.50
PBQx-TF	Y6-2Se	16.09	19.88	12.17	17.21	17.82	15.81	17.21	16.50
W1	BTP-2F-2Cl,SY2	17.51	16.60	15.16	15.70	17.44	16.56	14.96	16.49
PDBT-F	Y6-1O	17.81	16.15	14.69	15.18	18.03	17.10	16.30	16.49
SZ5	BTP-eC9	16.95	16.19	15.19	16.52	17.11	17.00	16.73	16.49
SZ5	BTP-4Cl,eC9	16.95	16.19	15.19	16.52	17.11	17.00	16.73	16.49
PBN-S	SY3	17.09	15.76	15.42	16.45	17.30	16.93	15.95	16.49
PBN-S	PTIC-4Cl	17.30	15.22	15.53	16.81	17.05	17.04	15.80	16.49
PBCT-2F	LL3	17.65	15.17	16.66	16.31	15.83	17.31	34.19	16.49
TPD-3F	BO-4Cl	17.31	16.54	15.65	15.16	17.45	16.81	15.25	16.49
BO2FC8	LL4	17.04	15.61	16.56	16.30	16.63	16.79	26.98	16.49
PBB-F	LL3	18.01	16.15	15.59	16.31	15.94	16.91	30.27	16.49
PBN-S	BT-BO-L4F,BTP-S7	17.51	16.08	15.16	15.67	17.62	16.86	15.95	16.48
PDBT-F	PT2IC-4Cl	16.95	15.27	15.57	16.67	17.38	17.05	15.87	16.48
PBDB-T-SF	BPS-4F	16.40	16.62	15.56	16.84	17.86	15.61	16.65	16.48
2T-TTC-BDTFT	LL4	17.12	15.45	15.88	16.35	17.15	16.93	27.82	16.48
PDTB-EF-T	BTPTT-4F,Y6	17.10	16.49	14.64	15.15	18.55	16.94	14.33	16.48
PTO2	BTP-FCl-FCl	17.69	15.71	15.19	15.35	18.36	16.57	16.77	16.48
2T-TTC-BDTFT	BTP-S2	17.54	15.95	15.37	16.05	16.95	17.00	16.10	16.48
PBT1-EH	BTP-ClBr2	17.85	16.44	15.86	16.62	15.41	16.69	14.42	16.48
PBCT-2F	LL4	17.27	15.64	16.53	16.28	15.91	17.22	33.87	16.48
PBN-S	Y22	17.91	16.12	14.91	15.03	18.02	16.87	15.68	16.48
PDTB-EF-T	PT2IC-4Cl	16.88	15.28	15.37	16.56	17.53	17.22	15.47	16.48
TPD-3F	LL3-2Cl	17.34	16.73	15.45	15.13	17.35	16.85	15.10	16.47
PFOPB	BTP-eC9	17.16	16.11	15.41	16.70	17.22	16.24	15.96	16.47
PFOPB	BTP-4Cl,eC9	17.16	16.11	15.41	16.70	17.22	16.24	15.96	16.47
D18	HDO-4Cl	16.62	16.10	15.26	16.38	17.83	16.65	17.68	16.47
PFOPB	CH1007	17.21	17.08	14.45	16.39	17.42	16.27	16.91	16.47
D18	BPS-4F	16.14	17.05	14.50	16.53	18.44	16.15	18.02	16.47
TPD-3F	BTP-4Cl,eC9	17.26	16.63	15.51	15.18	17.47	16.74	15.16	16.46
TPD-3F	BTP-eC9	17.26	16.63	15.51	15.18	17.47	16.74	15.16	16.46
PBDB-T-SF	PTIC-4Cl	17.16	15.17	15.56	16.91	17.42	16.57	15.76	16.46
PBT1-EH	BTP-ClBr1	17.66	16.51	15.73	16.76	15.36	16.76	14.38	16.46
PBT-SF	Y6-2Se	15.99	16.59	15.33	16.13	18.43	16.30	14.91	16.46
J62	A-WSSe-Cl	16.90	16.76	15.74	16.38	16.43	16.55	13.58	16.46
D18	SY1	16.87	16.43	15.44	15.46	18.24	16.34	16.90	16.46

PBDB-T-SF	LL3	17.91	14.40	16.69	16.18	17.26	16.32	30.62	16.46
PBT1-EH	BTP-ClBr	17.84	16.32	15.99	16.77	15.36	16.46	14.67	16.46
PDBT-Cl	Y19	17.03	16.16	15.11	16.09	17.19	17.16	16.27	16.46
BO2FC8	BTIC-BO-4Br	17.23	16.13	15.65	16.45	16.66	16.62	15.81	16.46
J62	LL4	17.58	15.88	16.40	15.84	16.79	16.23	23.11	16.45
PBDB-T-SF	Y11	17.03	16.30	14.75	15.71	18.15	16.78	15.94	16.45
D18	PT2IC-4Cl	16.56	15.67	15.76	16.65	17.50	16.57	16.96	16.45
PBQx-TF	Y6-Se	17.18	19.63	12.00	16.96	17.69	15.23	17.48	16.45
BO2FC8	BTP-ClBr2	17.07	16.02	15.77	16.20	16.81	16.84	15.76	16.45
PDBT-2F	A-WSSe-Cl	17.00	15.90	14.79	17.33	17.46	16.21	15.35	16.45
PBN-S	SY1	17.36	16.04	15.44	15.56	17.63	16.66	15.77	16.45
W1	BTP-S9	17.19	16.32	15.14	16.03	17.35	16.66	15.01	16.45
BO2FC8	BTP-ClBr	17.10	15.98	15.98	16.26	16.76	16.60	15.87	16.45
TPD-3F	BTP-S1	17.66	17.41	14.85	15.10	17.66	15.99	15.06	16.45
PBDB-T-2Cl	BTP-S2	17.19	16.22	16.23	16.77	15.87	16.38	16.20	16.44
TTFQx-T1	S-WSeSe-Cl	17.12	16.71	15.41	15.95	16.16	17.31	16.25	16.44
PBDB-TSCl	TB-4Cl	17.69	15.84	15.03	16.48	17.10	16.49	15.85	16.44
PBQx-TF	SY3	16.66	17.11	14.54	17.22	17.24	15.86	17.16	16.44
PFOPB	LL4	17.37	14.90	16.30	16.58	17.23	16.23	28.48	16.44
BO2FC8	BTP-ClBr1	16.92	16.18	15.66	16.27	16.77	16.84	15.75	16.44
PDBT-F	Y22	17.79	16.08	14.93	14.85	18.14	16.84	15.84	16.44
PDBT-F	LL3	17.58	14.09	16.62	16.49	17.21	16.62	33.42	16.44
PFBDB-T	BTP-S2	17.10	16.23	15.90	16.31	16.34	16.73	16.16	16.43
SZ5	BTP-2F-2Cl,SY2	17.10	16.24	15.28	15.64	17.49	16.86	16.49	16.43
PBN-S	BTIC-2Cl-yCF3	17.35	16.38	14.98	15.78	17.17	16.93	15.91	16.43
PBT1-EH	LL3	18.33	15.57	16.58	15.84	15.39	16.89	24.09	16.43
SZ5	BTP-S9	17.00	16.16	15.25	16.00	17.43	16.76	16.48	16.43
PFOPB	LL3	18.05	14.24	16.44	16.60	16.86	16.40	28.95	16.43
PDBT-F	BTSe-4F	17.61	16.48	15.10	15.11	17.58	16.71	16.00	16.43
D18	SY3	16.49	16.09	15.55	16.16	17.73	16.56	17.03	16.43
J62	BTP-S2	17.32	16.33	16.22	16.54	16.42	15.75	13.42	16.43
PBDB-TSCl	BTP-FCl-FCl	17.77	15.38	15.43	16.30	17.54	16.16	15.78	16.43
PBT-SF	HDO-4Cl	16.84	15.49	14.85	16.32	17.76	17.30	15.57	16.43
PBFTT	A-WSSe-Cl	17.67	16.03	15.13	16.57	17.09	16.07	16.23	16.43
PBT1-EH	BTIC-BO-4Br	18.00	16.39	15.35	17.03	15.22	16.55	14.45	16.42
PTO2	LL3-2Cl	17.27	15.78	15.02	15.74	17.74	17.00	16.84	16.42
PFBDB-T	A-WSSe-Cl	16.70	16.77	15.52	16.14	16.48	16.94	16.30	16.42
TPD-3F	Y19	17.24	16.83	15.28	15.09	17.34	16.78	15.02	16.42
PE4	BTP-ClBr1	16.71	15.81	15.34	16.87	17.70	16.11	15.82	16.42
PDTB-EF-T	SY3	16.72	15.75	15.18	16.12	17.74	17.01	15.71	16.42
PBQx-TF	BPS-4F	16.25	19.55	11.95	17.47	17.59	15.70	18.02	16.42
SZ5	LL4	17.18	15.15	16.27	16.35	17.05	16.51	31.38	16.42
PFOPB	LL3-2Cl	17.29	16.11	15.38	16.15	17.20	16.36	16.00	16.42
PDTB-EF-T	AQx	17.16	16.59	14.54	15.66	17.47	17.07	13.95	16.42
W1	LL3-2Cl	17.14	15.93	15.09	15.98	17.44	16.92	15.59	16.42
PBDB-T-2Cl	A-WSSe-Cl	16.79	16.75	15.63	16.58	16.15	16.59	16.33	16.42
D18	Y11	17.22	16.77	14.53	15.39	18.49	16.09	17.14	16.42

SZ5	LL3-2Cl	17.04	16.21	15.17	15.96	17.04	17.07	16.70	16.41
PDTB-EF-T	Y22	17.26	16.49	14.57	14.82	18.53	16.82	14.41	16.41
PBDTSF-TZNT	LL3	18.83	14.69	15.81	15.90	16.53	16.72	25.25	16.41
PE4	BTIC-BO-4Br	16.95	15.63	15.32	16.97	17.67	15.93	15.87	16.41
PBDB-T-SF	SY3	16.77	15.71	15.41	16.60	17.63	16.34	15.83	16.41
2T-TTC-BDTFT	BTP-ClBr2	17.32	16.03	15.21	15.88	17.05	16.96	15.97	16.41
PBDB-T2F,PM6,PBDB-TF	Y12	17.07	16.23	15.00	15.32	18.13	16.71	15.98	16.41
PBT1-EH	BTP-S2	17.95	16.24	15.85	16.82	15.10	16.47	14.50	16.41
PDTB-EF-T	BT-BO-L4F,BTP-S7	16.72	16.42	14.87	15.38	18.23	16.81	14.79	16.41
PDBT-Cl	BP5T-4F	16.98	16.47	14.96	15.81	17.40	16.81	15.99	16.40
W1	BTP-FCl-FCl	17.40	16.53	15.19	15.61	17.40	16.30	14.83	16.40
J52-2F,J52-F,PFBZ	BTP-S2	17.08	15.63	16.05	16.79	16.65	16.24	15.50	16.40
PE4	BTP-ClBr2	16.73	15.75	15.45	16.79	17.59	16.10	15.83	16.40
PDBT-2F	BTP-S1	17.51	15.12	15.87	16.65	17.29	15.97	14.77	16.40
PDTB-EF-T	PTIC-4Cl	17.07	15.10	15.26	16.41	17.51	17.06	15.35	16.40
PDBT-F	BTIC-2Cl-yCF3	17.28	16.67	14.99	15.57	17.31	16.60	16.09	16.40
PBDB-TSCl	LL4	17.56	15.19	16.40	16.09	17.14	16.01	28.57	16.40
PDBT-Cl	Y6-2Se	16.67	16.47	15.58	16.04	17.65	15.94	15.79	16.39
PE4	BTP-ClBr	16.80	15.56	15.67	16.85	17.65	15.82	15.86	16.39
J62	BTP-ClBr2	17.09	16.31	15.64	16.41	16.59	16.31	13.25	16.39
SZ5	LL3	17.83	14.67	16.42	16.38	16.54	16.51	31.70	16.39
PDTB-EF-T	BPS-4F	16.33	16.65	14.66	16.00	18.27	16.42	15.71	16.39
J61	S-WSeSe-Cl	17.24	17.07	15.99	16.09	16.06	15.87	14.84	16.39
PDBT-F	PTIC-4Cl	17.09	15.16	15.45	16.51	17.32	16.80	15.76	16.39
PBT-SF	BP5T-4F	16.85	15.96	14.54	15.88	18.19	16.91	14.21	16.39
PBQx-TF	BTIC-2Br-m,TPT10	16.48	17.78	14.33	16.86	17.06	15.81	17.04	16.39
PDBT-F	BT-BO-L4F,BTP-S7	17.34	15.89	15.14	15.62	17.75	16.57	16.42	16.39
J62	BTIC-BO-4Br	17.38	16.36	15.44	16.64	16.42	16.06	13.37	16.38
PDTB-EF-T	SY1	16.77	16.19	15.12	15.32	18.17	16.73	15.31	16.38
D18	PTIC-4Cl	16.65	15.51	15.65	16.51	17.47	16.50	16.84	16.38
TPD-3F	BTP-2F-2Cl,SY2	17.41	17.39	14.78	14.49	17.74	16.49	14.63	16.38
PBDTS-TDZ	S-WSeSe-Cl	17.28	17.24	15.49	16.83	14.20	17.24	17.16	16.38
D18	Y12	16.57	16.73	14.62	15.74	18.82	15.81	17.35	16.38
D18	Y6-BO	16.57	16.73	14.62	15.74	18.82	15.81	17.35	16.38
2T-TTC-BDTFT	BTP-ClBr1	17.10	16.10	15.07	15.96	17.03	17.01	15.96	16.38
2T-TTC-BDTFT	BTP-ClBr	17.34	15.86	15.42	15.96	17.03	16.66	16.04	16.38
PDTB-EF-T	BTIC-2Cl-yCF3	16.86	16.58	14.68	15.46	17.74	16.95	15.56	16.38
D18	BTIC-2Cl-yCF3	16.70	16.82	14.83	15.58	17.82	16.51	17.29	16.38
PDBT-Cl	TB-4Cl	17.08	16.19	14.93	16.03	17.12	16.91	16.11	16.38
PBT-SF	PT2IC-4Cl	16.63	15.17	15.42	16.64	17.49	16.90	15.07	16.37
PDBT-F	SY3	16.85	15.79	15.32	16.20	17.53	16.55	15.92	16.37

PBCT-2F	TB-4Cl	17.57	16.56	15.23	15.79	15.82	17.26	17.66	16.37
PTO2	Y19	17.17	15.84	14.97	15.65	17.68	16.94	16.79	16.37
TPD-3F	CH1007	17.23	18.34	13.51	14.62	17.86	16.67	15.41	16.37
SZ5	Y19	16.93	16.25	15.13	15.85	17.05	17.01	16.63	16.37
TTFQx-T1	LL3	17.41	14.89	16.06	16.03	16.95	16.88	26.54	16.37
BO2FC8	BTP-S9	16.61	16.34	15.59	15.41	17.36	16.90	15.07	16.37
PBQx-TF	PT2IC-4Cl	16.73	16.24	14.63	17.86	17.11	15.64	17.13	16.37
P-FT	LL3	17.89	14.55	16.36	16.36	16.76	16.28	26.25	16.37
J62	BTP-ClBr	17.03	16.23	15.86	16.47	16.42	16.18	13.60	16.37
PBZ-ClSi	S-WSeSe-Cl	16.71	15.45	16.58	17.11	16.12	16.22	15.91	16.36
PBN-S	Y6-1O	17.54	15.91	14.72	15.13	17.90	16.95	15.93	16.36
PBZ-ClSi	LL3	19.31	14.10	17.35	15.82	15.61	15.95	25.88	16.36
BO2FC8	BO-4Cl	16.67	16.00	15.60	15.95	16.84	17.09	15.60	16.36
BO2FC8	CH1007	16.27	16.96	15.31	15.55	17.24	16.79	15.80	16.36
PFOPB	Y19	17.19	16.19	15.32	16.04	17.12	16.28	15.93	16.35
J62	BTP-ClBr1	16.99	16.50	15.52	16.48	16.39	16.25	13.25	16.35
PDBT-F	SY1	17.20	16.03	15.32	15.50	17.78	16.30	15.78	16.35
TTFQx-T1	BTP-S2	17.36	15.55	15.82	15.96	16.33	17.09	15.20	16.35
D18	BT-BO-L4F,BTP-S7	16.70	16.58	14.77	15.56	18.34	16.15	17.24	16.35
PBB-F	A-WSSe-Cl	16.91	17.34	14.94	15.92	16.14	16.87	17.70	16.35
W1	Y19	17.04	16.02	15.05	15.90	17.26	16.84	15.50	16.35
PBQx-TF	Y9-2Br	16.62	17.46	14.62	16.76	16.67	15.97	16.76	16.35
2T-TTC-BDTFT	BTIC-BO-4Br	17.45	15.92	14.86	16.14	16.90	16.80	16.02	16.35
PTO2	LL4	17.24	14.42	16.12	16.24	17.39	16.66	31.19	16.35
PBCT-2F	Y6-Se	18.18	16.98	14.67	15.64	15.28	17.31	17.50	16.34
PBDB-T-SF	Y22	17.09	16.19	14.92	15.19	18.26	16.41	15.55	16.34
PBDB-T-SF	BTSe-4F	16.86	16.38	15.16	15.52	17.72	16.42	15.60	16.34
D18	BP5T-4F	16.47	16.78	14.61	15.95	18.55	15.67	17.23	16.34
PBT1-EH	LL3-2Cl	17.44	16.33	15.55	16.39	15.41	16.91	14.18	16.34
J52-2F,J52-F,PFBZ	LL3	17.73	14.75	16.34	16.23	16.63	16.35	27.48	16.34
PTO2	TB-4Cl	17.25	15.86	14.79	15.56	17.78	16.77	16.74	16.34
PBDB-T-SF	BTIC-2Cl-yCF3	16.88	16.31	15.08	15.98	17.43	16.33	15.83	16.34
PBCT-2F	HDO-4Cl	17.35	16.04	15.10	16.00	16.08	17.44	17.81	16.34
PE4	BO-4Cl	16.44	15.72	15.30	16.58	17.61	16.37	15.65	16.33
BO2FC8	BTP-eC9	16.61	16.06	15.55	15.93	16.83	17.03	15.50	16.33
BO2FC8	BTP-4Cl,eC9	16.61	16.06	15.55	15.93	16.83	17.03	15.50	16.33
PFOPB	BTP-S1	17.55	16.22	15.30	16.29	17.30	15.33	16.05	16.33
PBN-S	BTSe-4F	17.39	16.25	14.79	15.31	17.39	16.86	15.62	16.33
PBDB-TSCl	LL3	18.01	14.78	16.48	16.10	16.63	15.98	29.06	16.33
PDBT-Cl	HDO-4Cl	16.89	15.77	14.79	16.21	17.20	17.12	16.46	16.33
PFBDB-T	LL3	17.53	14.36	16.33	16.26	16.73	16.76	29.02	16.33
PTO2	Y6-Se	17.82	15.52	14.64	15.35	17.99	16.65	16.73	16.33
J52-2F,J52-F,PFBZ	A-WSSe-Cl	16.48	16.17	15.47	16.62	16.75	16.49	15.74	16.33
PDBT-Cl	LL4	17.16	14.64	16.32	16.38	17.20	16.26	31.18	16.33
PFOPB	BTP-S9	17.19	16.22	15.24	16.17	17.17	15.98	15.69	16.33
PBCT-2F	BP5T-4F	17.74	17.01	14.82	15.57	15.56	17.26	17.72	16.33
PBQx-TF	HDO-4Cl	16.74	16.53	14.41	17.36	17.32	15.60	17.78	16.33

TPD-3F	BTP-S9	17.28	17.08	14.73	14.62	17.65	16.57	14.66	16.32
PFBDB-T	BTP-ClBr2	16.81	16.36	15.49	16.13	16.45	16.69	16.07	16.32
2T-TTC-BDTFT	BO-4Cl	16.89	15.94	15.03	15.63	17.13	17.26	15.81	16.32
PBT1-EH	BO-4Cl	17.43	16.25	15.65	16.25	15.43	16.88	14.25	16.32
PBDB-T-2Cl	BTP-ClBr2	16.90	16.22	15.58	16.58	16.27	16.34	16.12	16.31
PBDB-T2F,PM6,PBDB-TF	BPS-4F	16.76	16.91	14.64	16.02	17.43	16.11	16.52	16.31
PDBT-2F	BTP-ClBr1	16.96	15.45	14.57	17.34	17.48	16.06	15.04	16.31
PBQx-TF	SY1	16.97	17.96	13.37	16.36	17.69	15.53	17.09	16.31
PBCT-2F	PT2IC-4Cl	16.94	15.60	15.63	16.34	16.14	17.22	17.15	16.31
PBT-SF	Y6-BO	16.91	16.04	14.13	15.61	18.51	16.65	14.35	16.31
PBT-SF	Y12	16.91	16.04	14.13	15.61	18.51	16.65	14.35	16.31
PE4	BTP-S1	16.61	15.72	16.06	16.14	17.33	15.99	15.50	16.31
PDBT-2F	BTIC-BO-4Br	17.28	15.24	14.53	17.44	17.46	15.91	15.08	16.31
BO2FC8	LL3-2Cl	16.82	16.18	15.52	15.55	16.70	17.08	15.53	16.31
PBFTT	BTIC-BO-4Br	18.11	15.46	14.90	16.67	17.06	15.65	15.96	16.31
PBT1-EH	LL4	17.56	15.85	16.39	15.81	15.48	16.76	23.58	16.31
PBFTT	BTP-ClBr1	17.70	15.66	14.89	16.58	17.18	15.84	15.95	16.31
J61	LL4	17.56	16.00	16.48	15.84	16.62	15.34	23.23	16.31
PBB-F	LL4	17.11	16.51	15.24	16.28	15.96	16.74	29.77	16.31
PBDB-T-SF	Y6-1O	17.02	16.08	14.66	15.37	18.14	16.57	15.90	16.31
PBDB-TSCl	HDO-4Cl	17.29	15.25	14.88	16.65	17.13	16.62	16.22	16.30
PFOPB	BTP-2F-2Cl,SY2	17.31	16.38	15.23	15.84	17.23	15.83	15.71	16.30
SZ5	BTP-FCl-FCl	16.89	15.96	15.30	15.56	17.47	16.63	16.45	16.30
PBFTT	BTP-ClBr2	17.83	15.59	15.00	16.51	17.06	15.83	15.91	16.30
D18	ABP4T-4F	16.40	16.75	14.58	15.73	18.66	15.69	17.15	16.30
PBB-F	BTP-ClBr	17.00	16.92	15.10	16.18	16.04	16.58	17.31	16.30
PBDTSF-TZNT	S-WSeSe-Cl	16.84	15.42	15.09	17.23	16.34	16.87	16.04	16.30
J52-2F,J52-F,PFBZ	BTIC-BO-4Br	16.78	15.80	15.19	16.84	17.11	16.07	15.47	16.30
2T-TTC-BDTFT	BTP-eC9	16.84	15.99	14.97	15.62	17.16	17.20	15.71	16.30
2T-TTC-BDTFT	BTP-4Cl,eC9	16.84	15.99	14.97	15.62	17.16	17.20	15.71	16.30
BO2FC8	BTP-2F-2Cl,SY2	16.58	16.32	15.62	15.17	17.31	16.79	15.02	16.30
P5T-2F	S-WSeSe-Cl	16.06	17.70	15.86	17.48	14.03	16.65	16.99	16.30
PBT-SF	Y11	17.04	16.34	14.05	15.24	18.27	16.83	14.43	16.29
PBQx-TF	BTIC-2Cl-yCF3	16.84	18.86	12.56	16.59	17.21	15.70	17.32	16.29
PBT1-EH	BTP-4Cl,eC9	17.38	16.29	15.58	16.27	15.43	16.81	14.16	16.29
PBT1-EH	BTP-eC9	17.38	16.29	15.58	16.27	15.43	16.81	14.16	16.29
PBDB-TSCl	Y6-Se	17.95	14.75	15.09	16.28	17.38	16.30	15.96	16.29
PDBT-2F	BTP-ClBr2	17.07	15.42	14.65	17.27	17.43	15.91	15.07	16.29
PDTB-EF-T	Y6-1O	16.80	16.31	14.39	14.82	18.52	16.89	14.58	16.29
PBT-SF	PTIC-4Cl	16.82	14.98	15.30	16.47	17.45	16.72	14.98	16.29
PBT1-EH	Y19	17.34	16.39	15.46	16.36	15.37	16.82	14.09	16.29
PBQx-TF	PTIC-4Cl	16.79	15.98	14.55	17.68	17.09	15.63	17.00	16.29
PDBT-Cl	ABP4T-4F	16.93	16.35	14.79	15.59	17.56	16.51	15.94	16.29

PBDTS-TDZ	LL3	18.77	16.26	16.29	15.58	13.61	17.20	26.80	16.29
PBT-SF	ABP4T-4F	16.77	15.96	14.34	15.64	18.34	16.65	14.11	16.28
PFBDB-T	LL4	16.79	14.97	16.18	16.24	16.87	16.65	28.53	16.28
TPD-3F	BTP-FCl-FCl	17.30	17.39	14.70	14.38	17.69	16.24	14.49	16.28
PTO2	Y6-2Se	16.79	16.19	14.87	15.52	18.11	16.20	16.24	16.28
PDBT-Cl	Y12	17.05	16.12	14.63	15.61	17.77	16.49	16.16	16.28
PDBT-Cl	Y6-BO	17.05	16.12	14.63	15.61	17.77	16.49	16.16	16.28
PBT-SF	L8-BO	16.77	16.49	14.41	15.22	18.04	16.73	14.22	16.28
PFBDB-T	BTP-ClBr	16.84	16.10	15.69	16.21	16.40	16.42	16.07	16.28
PBDB-TSCl	Y6-2Se	16.57	15.79	15.56	16.48	17.60	15.67	15.56	16.28
SZ5	TB-4Cl	16.90	16.21	14.95	15.73	17.07	16.79	16.46	16.28
PFBDB-T	BTP-ClBr1	16.63	16.31	15.35	16.21	16.43	16.71	16.11	16.28
PBT-SF	BPS-4F	15.74	16.35	15.15	16.46	18.06	15.87	15.31	16.27
PBDB-T2F,PM6,PBDB-TF	N3	17.01	16.03	14.89	15.12	17.98	16.61	15.73	16.27
TTFQx-T1	A-WSSe-Cl	16.85	16.18	15.17	15.81	16.22	17.41	15.50	16.27
PTO2	LL3	17.72	13.80	16.26	16.24	16.81	16.80	31.53	16.27
PBN-S	BTP-2F-ThCl	17.20	16.06	15.46	15.56	17.14	16.21	15.61	16.27
PE4	BTP-eC9	16.32	15.79	15.25	16.53	17.40	16.33	15.56	16.27
PE4	BTP-4Cl,eC9	16.32	15.79	15.25	16.53	17.40	16.33	15.56	16.27
PBDB-T-SF	BT-BO-L4F,BTP-S7	16.54	15.99	15.13	15.83	17.87	16.24	15.93	16.27
TPD-3F	TB-4Cl	17.18	16.68	15.10	14.76	17.28	16.60	14.88	16.27
PBQx-TF	Y11	17.34	18.92	12.50	16.28	17.83	14.73	17.29	16.27
PBFTT	BTP-ClBr	17.84	15.37	15.22	16.56	17.09	15.52	15.82	16.27
PBDT-3TCO	S-WSeSe-Cl	17.12	17.04	15.01	14.93	17.11	16.39	17.70	16.27
D18	Y18	16.93	16.77	14.46	15.12	18.49	15.83	16.86	16.27
PTO2	BPS-4F	16.92	16.20	14.67	15.86	17.93	16.01	17.25	16.26
PBDB-TSCl	PT2IC-4Cl	17.02	15.03	15.41	16.97	16.92	16.23	15.62	16.26
J52-2F,J52-F,PFBZ	BTP-ClBr1	16.51	15.95	15.25	16.69	16.93	16.25	15.41	16.26
BO2FC8	BTP-S1	16.69	16.03	16.00	15.64	16.89	16.32	15.46	16.26
PBT-SF	SY3	16.48	15.62	15.13	16.11	17.66	16.57	15.35	16.26
PBDB-T-SF	SY1	16.75	15.89	15.34	15.73	17.86	16.00	15.67	16.26
2T-TTC-BDTFT	LL3-2Cl	16.92	16.10	14.95	15.23	17.11	17.25	15.77	16.26
D18	BTP-2F-ThCl	16.72	16.48	15.45	15.49	18.07	15.34	16.74	16.26
BO2FC8	Y19	16.70	16.24	15.47	15.45	16.68	17.01	15.45	16.26
PDBT-F	BTP-2F-ThCl	17.30	15.97	15.39	15.48	17.25	16.15	15.63	16.26
PBDB-T-2Cl	BTP-ClBr1	16.72	16.18	15.46	16.66	16.14	16.35	16.16	16.25
SZ5	Y6-Se	17.31	15.77	14.77	15.58	17.35	16.74	16.48	16.25
PDBT-Cl	PT2IC-4Cl	16.72	15.23	15.32	16.54	16.99	16.72	15.84	16.25
PDBT-Cl	LL3	17.65	14.09	16.42	16.41	16.71	16.24	31.48	16.25
PDBT-2F	BO-4Cl	16.67	15.57	14.48	17.09	17.42	16.28	14.92	16.25
PBT-SF	Y18	16.92	16.16	14.48	14.96	18.16	16.82	14.23	16.25
PBT-SF	BTIC-2Cl-yCF3	16.58	16.42	14.76	15.49	17.67	16.57	14.98	16.25
J52-2F,J52-F,PFBZ	BTP-ClBr2	16.57	15.77	15.37	16.62	16.90	16.24	15.42	16.25
P-FT	S-WSeSe-Cl	16.60	16.05	15.76	16.09	16.49	16.48	16.05	16.25

J52-2F,J52-F,PFBZ	BTP-ClBr	16.62	15.68	15.58	16.68	16.90	16.00	15.60	16.24
PBDB-T-2Cl	BTP-ClBr	16.93	15.87	15.79	16.65	16.15	16.08	16.11	16.24
TTFQx-T1	BTIC-BO-4Br	17.19	15.86	14.89	16.12	16.37	17.03	15.19	16.24
PDBT-Cl	BPS-4F	16.80	16.33	15.34	16.30	17.22	15.46	16.68	16.24
PBT-SF	AQx	16.72	16.08	14.51	15.75	17.60	16.79	13.58	16.24
PFBDB-T	BTIC-BO-4Br	16.96	16.05	15.25	16.39	16.29	16.50	16.12	16.24
PBB-F	BTP-ClBr2	16.99	17.00	14.73	16.01	16.08	16.63	17.55	16.24
PBTA-PSF	LL3	18.33	15.24	15.76	15.75	16.96	15.41	23.79	16.24
W1	Y6-Se	17.52	16.30	14.59	15.61	16.94	16.48	15.88	16.24
PBDB-T-2Cl	LL3	17.74	14.45	16.49	16.37	15.92	16.46	28.85	16.24
PBT-SF	N3	16.80	15.90	14.32	15.42	18.41	16.58	14.08	16.24
PBDTS-TDZ	A-WSSe-Cl	17.00	16.93	15.48	16.64	14.12	17.25	16.45	16.24
J52-2Cl	LL3	17.96	14.87	16.20	16.21	16.47	15.70	26.21	16.23
PDTB-EF-T	BTSe-4F	16.68	16.36	14.43	14.99	18.14	16.80	14.61	16.23
J52-2F,J52-F,PFBZ	LL4	16.81	15.21	16.18	16.22	16.78	16.21	27.01	16.23
PDBT-Cl	AQx	17.02	16.33	14.87	15.71	16.83	16.64	14.88	16.23
PTQ10,PTQ-10	LL3	18.10	15.67	15.66	15.93	15.98	16.03	22.87	16.23
PBCT-2F	SY3	16.86	16.04	15.39	15.86	16.17	17.05	17.21	16.23
L810	LL3	17.95	14.88	16.19	16.20	16.47	15.68	26.19	16.23
PBT-SF	BTP-6F	16.73	15.57	13.95	15.87	18.65	16.59	13.80	16.23
PBDTSF-TZNT	LL4	17.42	15.14	15.49	15.88	16.87	16.56	24.74	16.23
PBT1-EH	BTP-S9	17.40	16.49	15.19	15.59	15.98	16.71	13.27	16.23
TTFQx-T1	LL4	16.80	15.35	15.90	16.00	16.42	16.88	26.04	16.23
PBB-F	BTP-ClBr1	16.82	17.16	14.51	16.16	16.05	16.65	17.58	16.22
PBDB-T-2Cl	BO-4Cl	16.50	16.26	15.40	16.34	16.21	16.63	16.03	16.22
PBDB-T-2Cl	BTIC-BO-4Br	17.04	15.85	15.43	16.84	16.02	16.16	16.17	16.22
PBCT-2F	Y6-BO	17.85	16.86	14.60	15.34	15.53	17.14	17.84	16.22
PBCT-2F	Y12	17.85	16.86	14.60	15.34	15.53	17.14	17.84	16.22
W1	TB-4Cl	17.13	15.81	14.87	15.83	17.00	16.69	15.18	16.22
PBDTS-TDZ	BTP-ClBr	17.08	16.64	15.66	16.81	14.25	16.87	16.23	16.22
D18	Y22	16.95	16.62	14.46	14.87	18.60	15.82	16.78	16.22
PBT-SF	BTPTT-4F,Y6	16.67	15.96	14.46	15.28	18.29	16.66	14.01	16.22
PBDTS-Se-TAZ	LL3	18.59	15.61	15.75	15.53	16.22	15.61	22.38	16.22
PBN-S	Y26	17.68	15.76	14.73	14.67	18.01	16.45	15.46	16.22
PBCT-2F	ABP4T-4F	17.74	16.96	14.75	15.34	15.38	17.12	17.64	16.22
TTFQx-T1	BTP-ClBr2	16.97	15.90	15.08	15.86	16.36	17.14	15.17	16.22
2T-TTC-BDTFT	BTP-S9	16.86	16.08	14.75	15.04	17.48	17.09	15.26	16.22
PTO2	BP5T-4F	17.41	15.42	14.84	15.31	18.05	16.26	16.38	16.21
PDTB-EF-T	BTP-2F-ThCl	16.61	16.27	15.15	15.31	17.72	16.21	14.89	16.21
PFBDB-T	BO-4Cl	16.40	16.20	15.29	15.89	16.51	16.98	15.99	16.21
D18	AQx	16.58	16.83	14.40	15.84	17.74	15.88	16.08	16.21
PBDB-T-2Cl	BTP-4Cl,eC9	16.44	16.30	15.34	16.32	16.28	16.57	15.95	16.21
PBDB-T-2Cl	BTP-eC9	16.44	16.30	15.34	16.32	16.28	16.57	15.95	16.21
PDBT-Cl	Y11	17.16	16.03	14.56	15.28	17.56	16.66	15.95	16.21

TTFQx-T1	BTP-ClBr1	16.84	15.95	14.95	15.93	16.35	17.23	15.13	16.21
PBFTT	BO-4Cl	17.36	15.54	14.84	16.29	17.12	16.08	15.89	16.21
2T-TTC-BDTFT	Y19	16.82	16.15	14.88	15.13	17.08	17.18	15.70	16.21
PDBT-Cl	Y18	17.19	16.15	14.87	14.97	17.38	16.68	15.70	16.21
PDBT-2F	BTP-4Cl,eC9	16.59	15.61	14.46	17.05	17.26	16.27	14.82	16.21
PDBT-2F	BTP-eC9	16.59	15.61	14.46	17.05	17.26	16.27	14.82	16.21
PFOPB	TB-4Cl	17.08	16.13	15.14	15.92	16.82	16.13	15.69	16.20
PDBT-2F	BTP-ClBr	17.10	15.25	14.88	17.33	17.44	15.22	15.19	16.20
PDTB-EF-T	Y26	17.01	16.24	14.40	14.46	18.63	16.48	14.21	16.20
J62	BO-4Cl	16.52	16.23	15.49	16.15	16.50	16.32	12.87	16.20
PBDB-TSCl	PTIC-4Cl	17.22	14.93	15.29	16.81	16.91	16.07	15.53	16.20
PBCT-2F	BTP-6F	17.70	16.77	14.41	15.45	15.90	16.97	17.89	16.20
PBDTS-TDZ	BTP-ClBr2	17.08	16.65	15.45	16.67	14.32	17.03	16.11	16.20
PBB-F	BTP-S2	17.17	16.85	14.63	16.18	16.20	16.16	17.43	16.20
PDBT-Cl	BTPTT-4F,Y6	16.84	16.24	14.86	15.26	17.48	16.51	15.89	16.20
PTO2	Y6-BO	17.51	15.37	14.61	15.12	18.35	16.21	16.50	16.20
PTO2	Y12	17.51	15.37	14.61	15.12	18.35	16.21	16.50	16.20
P5T-2F	LL3	17.76	15.81	16.42	16.86	13.90	16.43	27.64	16.20
D18	BTP-6F	16.03	16.48	14.45	15.95	18.94	15.34	17.34	16.20
P-FT	LL4	16.90	15.05	16.19	16.33	16.57	16.13	25.75	16.20
PBCT-2F	PTIC-4Cl	17.08	15.43	15.51	16.15	15.90	17.10	17.03	16.20
J61	A-WSSe-Cl	16.90	16.78	15.89	15.90	16.11	15.58	13.97	16.19
PBZ-ClSi	BTP-ClBr	16.28	15.09	16.63	17.00	16.27	15.88	14.99	16.19
PFBDB-T	BTP-eC9	16.34	16.26	15.24	15.87	16.53	16.92	15.91	16.19
PFBDB-T	BTP-4Cl,eC9	16.34	16.26	15.24	15.87	16.53	16.92	15.91	16.19
PBDB-T-2Cl	LL4	16.93	14.97	16.34	16.34	16.26	16.31	28.37	16.19
2T-TTC-BDTFT	BTP-S1	17.10	15.76	14.87	15.30	17.30	16.80	15.65	16.19
2T-TTC-BDTFT	BTP-2F-2Cl,SY2	16.92	16.06	14.74	14.78	17.48	17.14	15.21	16.19
PBT-SF	SY1	16.53	16.16	14.79	15.28	18.13	16.23	14.88	16.19
PDBT-Cl	BTP-6F	16.73	16.43	14.44	15.76	17.30	16.45	16.06	16.19
PTO2	HDO-4Cl	17.04	15.10	14.70	15.70	17.64	16.94	16.98	16.19
PBQx-TF	Y12	16.71	19.03	12.50	16.58	17.88	14.41	17.53	16.19
PBQx-TF	Y6-BO	16.71	19.03	12.50	16.58	17.88	14.41	17.53	16.19
SZ5	PT2IC-4Cl	16.64	15.37	15.34	16.24	16.84	16.69	16.18	16.19
PDBT-Cl	L8-BO	16.96	16.20	14.85	15.18	17.33	16.59	15.96	16.18
SZ5	Y6-2Se	16.26	16.43	15.00	15.75	17.51	16.14	16.16	16.18
SZ5	HDO-4Cl	16.72	15.63	14.81	15.90	17.06	16.97	16.75	16.18
PE4	LL3	17.69	14.65	16.51	16.08	16.03	16.14	28.09	16.18
PBT-SF	BT-BO-L4F,BTP-S7	16.39	16.24	14.46	15.40	18.15	16.45	14.41	16.18
J62	LL3-2Cl	16.77	16.40	15.42	15.69	16.45	16.36	12.99	16.18
PBCT-2F	L8-BO	17.76	17.07	14.73	14.96	15.36	17.21	17.62	16.18
PBN-S	BTIC-2Br-m,TPT10	16.76	15.49	15.41	16.07	17.08	16.27	16.05	16.18
PE4	LL3-2Cl	16.47	15.90	15.24	15.89	17.16	16.38	15.67	16.17
PDBT-Cl	N3	16.99	15.91	14.76	15.38	17.58	16.43	15.90	16.17
PBT1-EH	BTP-2F-2Cl,SY2	17.47	16.60	15.21	15.45	15.71	16.60	13.14	16.17
2T-TTC-BDTFT	CH1007	16.63	16.59	14.01	15.17	17.66	16.96	16.06	16.17

J11	LL3	18.10	15.11	16.26	16.06	16.08	15.43	26.70	16.17
PBDB-TSCl	SY3	16.92	15.42	15.17	16.50	17.06	15.95	15.69	16.17
TTFQx-T1	BTP-ClBr	16.96	15.83	15.30	15.93	16.36	16.65	15.33	16.17
PBBSe-Cl	S-WSeSe-Cl	16.41	17.07	15.20	16.76	15.54	16.04	16.54	16.17
J61	BTP-ClBr	17.00	16.32	16.00	16.07	16.09	15.51	14.01	16.17
PBCT-2F	N3	17.76	16.67	14.74	15.13	15.66	17.04	17.63	16.17
J62	BTP-eC9	16.42	16.32	15.44	16.13	16.45	16.23	12.77	16.16
J62	BTP-4Cl,eC9	16.42	16.32	15.44	16.13	16.45	16.23	12.77	16.16
PDBT-Cl	PTIC-4Cl	16.83	15.14	15.20	16.38	16.96	16.48	15.74	16.16
PFOPB	SY3	16.76	15.58	15.38	15.95	17.17	16.14	15.58	16.16
BO2FC8	BTP-FCl-FCl	16.33	16.06	15.64	15.06	17.37	16.51	14.91	16.16
PBZ-ClSi	BTP-ClBr2	16.34	15.02	16.47	16.95	16.45	15.74	14.75	16.16
PFOPB	BTP-FCl-FCl	17.21	16.14	15.23	15.75	17.16	15.47	15.64	16.16
PBDTS-TDZ	BTP-ClBr1	16.94	16.74	15.27	16.81	14.15	17.07	16.07	16.16
PBFTT	BTP-eC9	17.32	15.62	14.80	16.24	16.94	16.04	15.82	16.16
PBFTT	BTP-4Cl,eC9	17.32	15.62	14.80	16.24	16.94	16.04	15.82	16.16
J52-Cl	LL3	17.89	14.66	16.11	16.17	16.34	15.79	26.16	16.16
PTO2	ABP4T-4F	17.40	15.39	14.76	15.09	18.17	16.14	16.29	16.16
PBZ-ClSi	LL4	17.77	14.75	17.04	15.79	15.89	15.68	25.40	16.15
P-4FP,P-FP	LL3	18.16	14.10	15.99	16.43	16.69	15.53	26.25	16.15
PBFTT	CH1007	17.01	16.69	15.09	16.00	16.40	15.69	16.69	16.15
PBT1-EH	TB-4Cl	17.30	16.30	15.29	15.98	15.35	16.67	13.92	16.15
PBCT-2F	Y18	17.67	16.90	14.67	14.77	15.62	17.25	17.30	16.15
PBQx-TF	BT-BO-L4F,BTP-S7	16.87	18.64	12.32	16.46	17.65	14.94	17.33	16.15
PBQx-TF	AQx	16.75	19.54	12.02	16.76	17.35	14.45	16.25	16.15
PBQ-4F	S-WSeSe-Cl	16.95	15.79	15.26	15.33	16.37	17.17	16.28	16.14
PE4	LL4	16.85	15.06	16.37	16.08	16.50	16.00	27.64	16.14
PBDB-T-2Cl	LL3-2Cl	16.60	16.28	15.32	15.86	16.19	16.63	15.98	16.14
D18	BTIC-2Br-m,TPT10	16.29	15.87	15.54	15.75	17.15	16.26	16.88	16.14
PBN-S	BTDTP-4F	17.30	15.51	14.98	15.42	17.21	16.43	15.37	16.14
PBDT-3TCO	LL3	17.76	14.29	15.72	16.06	16.96	16.07	29.14	16.14
PBDTSF-TZNT	BTP-ClBr	16.46	15.08	15.25	17.20	16.45	16.42	15.17	16.14
PBB-F	BO-4Cl	16.67	16.88	14.86	15.62	16.13	16.70	17.47	16.14
PFBDB-T	BTP-S1	16.48	16.37	15.34	15.52	16.61	16.52	15.98	16.14
PFBDB-T	LL3-2Cl	16.51	16.24	15.21	15.43	16.47	16.97	15.94	16.14
PBDTSF-TZNT	A-WSSe-Cl	16.52	14.96	15.07	17.06	16.37	16.87	15.20	16.14
PBQx-TF	BP5T-4F	16.61	19.33	12.25	16.85	17.59	14.18	17.39	16.14
PBCT-2F	Y11	17.50	16.92	14.50	15.10	15.48	17.32	17.54	16.14
PDBT-F	BTDTP-4F	17.55	15.24	15.04	15.36	17.31	16.30	15.50	16.14
BO2FC8	TB-4Cl	16.54	16.06	15.30	15.30	16.77	16.85	15.23	16.14
PFOPB	PT2IC-4Cl	16.83	15.04	15.53	16.42	16.89	16.08	15.46	16.13
PBZ-ClSi	A-WSSe-Cl	16.36	14.90	16.54	16.97	16.13	15.90	15.14	16.13
PFBDB-T	CH1007	15.99	17.15	14.63	15.50	16.85	16.66	16.86	16.13
PTO2	PT2IC-4Cl	16.75	14.72	15.18	16.02	17.37	16.74	16.31	16.13
PBDB-T-2Cl	BTP-S9	16.31	16.25	15.37	15.79	16.64	16.41	15.67	16.13
PBT-SF	Y22	16.84	16.21	14.22	14.69	18.29	16.52	14.07	16.13
J61	BTP-ClBr2	17.05	16.42	15.81	15.97	16.16	15.36	13.67	16.13

P-CIT	LL3	17.98	14.51	16.17	16.22	16.26	15.63	24.98	16.13
PTO2	N3	17.45	15.23	14.73	14.88	18.41	16.07	16.28	16.13
PBB-F	LL3-2Cl	16.77	17.04	14.64	15.56	16.01	16.73	17.19	16.13
PBB-F	BTIC-BO-4Br	17.08	17.10	13.69	16.45	15.91	16.51	17.59	16.12
PBDB-TSCl	BPS-4F	16.57	15.66	15.35	16.70	17.26	15.20	16.27	16.12
HFQx-T	LL3	17.49	14.40	15.67	16.03	16.62	16.54	25.18	16.12
SM1-F	LL3	17.80	15.22	15.60	15.51	16.30	16.33	27.34	16.12
PBDB-TSCl	BP5T-4F	17.44	14.73	14.94	16.14	17.30	16.20	15.39	16.12
TPD-3F	HDO-4Cl	16.98	15.85	15.29	14.79	17.19	16.64	15.08	16.12
PBDB-T-SF	BTP-2F-ThCl	16.50	15.95	15.35	15.73	17.35	15.85	15.51	16.12
PDBT-F	BTN-4F	17.54	15.58	15.10	14.50	17.78	16.23	15.30	16.12
PBDB-T-2Cl	CH1007	15.86	17.07	15.14	16.00	16.34	16.31	16.88	16.12
PDBT-2F	LL3-2Cl	16.57	15.66	14.44	16.42	17.27	16.34	14.87	16.12
SZ5	PTIC-4Cl	16.74	15.29	15.21	16.08	16.82	16.55	16.07	16.12
PBCT-2F	Y6-2Se	17.15	17.30	14.86	15.82	14.81	16.76	17.31	16.12
PBDTSF-TZNT	BTP-ClBr2	16.47	14.92	14.95	17.09	16.62	16.64	14.86	16.12
PTO2	L8-BO	17.42	15.64	14.75	14.75	17.84	16.30	16.28	16.12
W1	Y6-2Se	16.16	16.55	14.81	15.78	17.19	16.20	14.80	16.12
SM1-S	LL3	18.12	15.74	15.22	15.39	16.05	16.18	23.66	16.11
PBTA-PSF	S-WSeSe-Cl	16.20	16.65	14.93	16.90	16.22	15.78	15.07	16.11
PBDB-T-2Cl	BTP-S1	16.55	16.17	15.70	15.98	16.10	16.18	16.02	16.11
PDTB-EF-T	BTIC-2Br-m,TPT10	16.31	15.55	15.19	15.85	17.35	16.41	15.77	16.11
PDBT-Cl	SY3	16.58	15.62	15.08	16.06	17.10	16.24	15.78	16.11
PFBDB-T	BTP-S9	16.32	16.27	15.23	15.32	16.74	16.78	15.64	16.11
TPD-3F	SY3	16.85	16.02	15.44	14.66	17.23	16.46	14.93	16.11
J52-2F,J52-F,PFBZ	BO-4Cl	16.22	15.58	15.22	16.40	16.72	16.51	15.25	16.11
D18	BTSe-4F	15.96	16.68	14.28	15.17	18.34	16.21	16.91	16.11
PBDB-T-2Cl	Y19	16.49	16.32	15.27	15.74	16.22	16.56	15.92	16.10
W1	PT2IC-4Cl	16.60	14.74	15.26	16.28	17.08	16.64	15.00	16.10
PTO2	BTPTT-4F,Y6	17.33	15.40	14.72	14.78	18.25	16.11	16.26	16.10
P5T-2F	A-WSSe-Cl	15.75	17.29	15.79	17.32	13.96	16.47	16.46	16.10
PFOPB	HDO-4Cl	16.87	15.48	15.09	16.09	16.98	16.07	16.12	16.10
PTO2	Y18	17.55	15.45	14.69	14.56	18.03	16.31	16.02	16.10
PFBDB-T	BTP-2F-2Cl,SY2	16.35	16.47	15.24	15.02	16.67	16.84	15.64	16.10
J61	BTP-ClBr1	16.95	16.63	15.65	16.07	16.07	15.21	13.67	16.10
PBN-S	AQx-2	16.84	15.88	14.88	15.34	16.76	16.87	15.25	16.09
W1	HDO-4Cl	16.92	15.11	14.73	15.96	17.10	16.75	15.66	16.09
PBB-F	BTP-eC9	16.60	16.91	14.70	15.63	16.11	16.62	17.41	16.09
PBB-F	BTP-4Cl,eC9	16.60	16.91	14.70	15.63	16.11	16.62	17.41	16.09
SZ5	SY3	16.53	15.73	15.10	15.77	17.00	16.43	16.13	16.09
J62	Y19	16.58	16.48	15.36	15.54	16.33	16.26	12.92	16.09
PTO2	SY3	16.68	15.24	14.98	15.53	17.57	16.56	16.37	16.09
SZ5	BP5T-4F	16.42	15.75	14.97	15.52	17.25	16.65	16.36	16.09
PBQx-TF	ABP4T-4F	16.55	19.22	12.27	16.59	17.69	14.24	17.32	16.09
PDBT-F	Y26	17.56	15.51	14.71	14.50	18.16	16.10	15.67	16.09
PE4	Y19	16.34	15.97	15.19	15.81	16.90	16.33	15.59	16.09

2T-TTC-BDTFT	TB-4Cl	16.77	16.03	14.69	14.98	17.07	17.01	15.43	16.09
TPD-3F	PT2IC-4Cl	16.94	15.38	15.55	15.12	16.96	16.59	14.60	16.09
PTO2	BTP-6F	17.21	15.11	14.42	15.26	18.71	15.83	16.47	16.09
PDBT-Cl	BTIC-2Cl-yCF3	16.97	16.31	14.73	15.43	16.87	16.23	15.85	16.09
BO2FC8	SY1	16.59	16.10	15.49	14.65	17.26	16.45	14.84	16.09
PE4	BTP-2F-2Cl,SY2	16.02	16.05	15.33	15.64	17.32	16.18	15.03	16.09
P-4FP,P-FP	S-WSeSe-Cl	16.49	16.05	15.27	16.53	16.16	16.03	16.11	16.09
PBDB-T-2Cl	BTP-2F-2Cl,SY2	16.31	16.36	15.40	15.48	16.51	16.46	15.67	16.09
SZ5	SY1	16.83	15.85	15.17	15.11	17.40	16.17	16.06	16.09
HFQx-T	S-WSeSe-Cl	16.88	16.11	15.06	15.87	15.85	16.75	15.58	16.09
PFBDB-T	Y19	16.40	16.31	15.15	15.33	16.45	16.90	15.88	16.09
PTO2	Y11	17.40	15.43	14.53	14.78	17.95	16.44	16.33	16.09
D18	Y6-1O	16.18	16.52	14.44	15.22	18.64	15.50	17.16	16.08
PBT1-EH	PT2IC-4Cl	17.02	15.37	15.69	16.31	15.44	16.66	13.70	16.08
PDBT-Cl	BT-BO-L4F,BTP-S7	16.94	15.70	14.87	15.51	17.36	16.11	16.00	16.08
PE4	BTP-S9	15.85	15.99	15.30	15.98	17.25	16.12	15.10	16.08
PDTB-EF-T	BTDTP-4F	16.49	15.98	14.62	15.17	17.82	16.42	14.17	16.08
J52-2Cl	LL4	16.90	15.35	16.02	16.19	16.50	15.52	25.70	16.08
J11	S-WSeSe-Cl	15.77	16.42	15.65	16.93	15.87	15.84	16.33	16.08
W1	BP5T-4F	17.07	16.31	14.74	15.57	16.95	15.84	14.04	16.08
PDBT-Cl	SY1	17.00	15.78	15.07	15.36	17.35	15.92	15.69	16.08
PBT1-EH	BTP-S1	17.63	16.32	15.29	16.35	14.76	16.11	14.02	16.08
PTO2	SY1	17.08	15.41	15.05	14.86	17.76	16.28	16.20	16.07
J101	LL3	19.36	13.35	17.29	15.78	14.51	16.15	24.64	16.07
PBDT-3TCO	LL4	16.96	14.89	15.54	16.03	17.21	15.81	28.64	16.07
PBDTS-TDZ	LL4	17.45	16.53	15.98	15.56	13.84	17.07	26.28	16.07
TTFQx-T1	BO-4Cl	16.57	15.73	14.93	15.59	16.18	17.42	15.03	16.07
W1	SY3	16.51	15.30	15.01	15.78	17.33	16.49	15.22	16.07
PTO2	BTIC-2Cl-yCF3	17.11	15.85	14.52	14.95	17.53	16.45	16.53	16.07
PBDTS-TDZ	BTIC-BO-4Br	17.21	16.66	14.60	17.02	14.06	16.86	16.13	16.07
J52-2Cl	S-WSeSe-Cl	16.08	15.83	15.58	16.58	16.29	16.05	16.16	16.07
L810	LL4	16.88	15.36	16.02	16.18	16.48	15.50	25.69	16.07
W1	BTIC-2Cl-yCF3	16.66	16.46	14.52	15.22	17.15	16.39	14.86	16.07
PBDT-S-2TC	LL3	18.27	15.85	15.81	15.09	15.08	16.30	23.07	16.07
W1	Y12	17.19	16.33	14.48	15.38	17.11	15.90	14.20	16.07
W1	Y6-BO	17.19	16.33	14.48	15.38	17.11	15.90	14.20	16.07
PBN-S	MS-4Cl	16.50	14.00	15.23	16.73	16.83	17.10	15.58	16.07
PTO2	PTIC-4Cl	16.90	14.61	15.07	15.86	17.33	16.62	16.18	16.06
PDBT-2F	CH1007	16.22	15.61	14.66	16.79	17.51	15.59	15.25	16.06
P-FT	A-WSSe-Cl	16.33	15.65	15.55	15.93	16.46	16.46	15.28	16.06
SZ5	Y11	17.05	15.78	14.64	15.03	17.28	16.59	16.31	16.06
PBDTSF-TZNT	BTP-ClBr1	16.51	14.90	14.75	17.20	16.41	16.61	14.83	16.06
PBDB-TSCl	L8-BO	17.38	15.40	14.83	15.58	17.21	15.97	15.36	16.06
PBDT-3TCO	A-WSSe-Cl	16.85	16.55	14.97	14.73	17.16	16.11	17.12	16.06
PDBT-Cl	Y22	17.27	15.88	14.67	14.71	17.54	16.30	15.62	16.06

P-FT	BTP-S2	16.71	15.05	15.82	16.11	16.59	16.07	15.02	16.06
2T-TTC-BDTFT	BTP-FCl-FCl	16.72	15.82	14.75	14.63	17.44	16.99	15.08	16.06
W1	SY1	16.65	15.94	14.98	15.11	17.39	16.28	14.79	16.06
PFOPB	PTIC-4Cl	16.91	14.90	15.42	16.27	16.79	16.05	15.35	16.06
J52-2F,J52-F,PFBZ	BTP-eC9	16.11	15.65	15.17	16.36	16.59	16.47	15.15	16.06
J52-2F,J52-F,PFBZ	BTP-4Cl,eC9	16.11	15.65	15.17	16.36	16.59	16.47	15.15	16.06
PBDB-TSCl	SY1	17.05	15.53	15.10	15.65	17.38	15.64	15.46	16.06
PBT-Cl	LL3	17.58	15.41	16.46	16.22	14.14	16.52	26.22	16.06
PBN-S	Y9-2Br	16.71	15.23	15.44	15.88	16.76	16.30	15.71	16.05
PBQx-TF	BTP-6F	16.15	19.45	12.37	16.78	17.73	13.84	17.41	16.05
PBDB-TSCl	Y6-BO	17.52	14.86	14.57	15.88	17.63	15.86	15.56	16.05
PBDB-TSCl	Y12	17.52	14.86	14.57	15.88	17.63	15.86	15.56	16.05
PBFTT	BTP-2F-2Cl,SY2	17.38	16.19	14.88	15.30	16.85	15.73	15.54	16.05
PBQx-TF	Y18	17.08	19.11	12.06	16.07	17.64	14.38	17.04	16.05
PBT1-EH	CH1007	17.41	17.02	14.22	15.69	15.26	16.72	13.80	16.05
PBZ-ClSi	BTP-ClBr1	16.38	14.83	16.33	17.02	16.24	15.52	14.72	16.05
D18	Y26	16.81	16.27	14.41	14.54	18.69	15.59	16.67	16.05
PBB-F	Y19	16.67	17.08	14.47	15.47	15.97	16.65	17.15	16.05
PBQx-TF	L8-BO	16.61	19.21	12.19	16.26	17.57	14.46	17.31	16.05
J61	BTIC-BO-4Br	17.22	16.47	15.34	16.27	15.95	15.04	13.79	16.05
J62	BTP-S9	16.08	16.75	15.36	15.61	16.52	15.97	11.73	16.05
PDBT-2F	Y19	16.49	15.67	14.41	16.33	17.07	16.31	14.80	16.05
PFOPB	SY1	17.11	15.86	15.08	15.25	17.12	15.85	15.31	16.05
PTQ10,PTQ-10	LL4	16.94	16.25	15.35	15.90	16.00	15.84	22.33	16.05
L810	S-WSeSe-Cl	16.05	15.83	15.58	16.53	16.26	16.03	16.15	16.05
J61	BTP-S2	17.20	16.29	15.86	16.13	16.06	14.75	13.83	16.05
PTO2	BT-BO-L4F,BTP-S7	17.17	15.27	14.85	15.01	17.75	16.22	16.43	16.05
P-FT	BTIC-BO-4Br	16.43	15.55	15.19	16.28	16.77	16.03	15.02	16.04
2T-TTC-BDTFT	PT2IC-4Cl	16.53	15.24	15.11	15.44	16.91	17.01	15.29	16.04
PDBT-F	BTIC-2Br-m,TPT10	16.47	15.65	15.31	15.79	17.13	15.89	15.72	16.04
PDBT-F	AQx-2	16.78	15.85	14.86	15.12	16.86	16.76	15.19	16.04
PBQ-4F	BTP-S2	17.06	15.03	15.21	15.38	16.66	16.87	15.24	16.04
BO2FC8	PT2IC-4Cl	16.32	15.10	15.69	15.75	16.53	16.82	15.07	16.03
PBT-SF	BTP-2F-ThCl	16.31	16.16	14.76	15.30	17.72	15.96	14.51	16.03
TPD-3F	Y6-Se	17.58	17.51	12.98	14.33	17.37	16.43	15.36	16.03
J52-Cl	S-WSeSe-Cl	15.99	15.75	15.49	16.56	16.38	16.03	15.96	16.03
PBDB-T-SF	Y26	16.87	15.79	14.68	14.82	18.27	15.77	15.33	16.03
D18	MS-4Cl	16.27	14.43	15.40	16.33	17.15	16.61	16.60	16.03
PBDB-TSCl	Y11	17.43	15.20	14.51	15.61	17.40	16.04	15.52	16.03
PBT-SF	BTSe-4F	16.18	15.99	14.62	15.05	17.82	16.52	14.31	16.03
PBT1-EH	BTP-FCl-FCl	17.38	16.37	15.18	15.29	15.58	16.38	12.93	16.03
PDBT-Cl	BTP-2F-ThCl	17.06	15.87	15.18	15.34	16.95	15.78	15.53	16.03
SZ5	Y12	16.52	15.68	14.71	15.32	17.53	16.42	16.52	16.03
SZ5	Y6-BO	16.52	15.68	14.71	15.32	17.53	16.42	16.52	16.03

S57

PBDB-TSCl	BTIC-2Cl-yCF3	17.09	15.57	14.81	15.87	16.92	15.92	15.63	16.03
D18	AQx-2	16.74	16.45	14.48	15.07	17.52	15.91	16.31	16.03
PBZ-ClSi	BTIC-BO-4Br	16.72	14.78	15.88	17.15	16.29	15.35	14.80	16.03
J52-Cl	LL4	16.86	15.17	15.95	16.15	16.42	15.62	25.66	16.03
PBDTS-TDZ	LL3-2Cl	16.87	16.65	15.23	16.40	13.84	17.19	15.86	16.03
PBDTS-TDZ	BO-4Cl	16.76	16.49	15.45	16.33	13.97	17.17	15.98	16.03
PDBT-Cl	Y6-1O	16.76	15.99	14.40	15.04	17.51	16.46	15.98	16.03
PBCT-2F	AQx	17.67	16.98	14.61	15.49	14.17	17.24	16.44	16.03
J52-2F,J52-F,PFBZ	LL3-2Cl	16.28	15.81	15.15	15.80	16.59	16.52	15.15	16.03
PBDTS-Se-TAZ	S-WSeSe-Cl	16.28	16.72	14.97	16.65	15.64	15.89	13.88	16.03
W1	L8-BO	17.09	16.58	14.64	15.02	16.82	16.00	14.05	16.02
BO2FC8	SY3	16.29	15.58	15.47	15.34	16.78	16.68	15.27	16.02
PBQx-TF	BTP-2F-ThCl	16.79	17.79	13.37	16.38	17.46	14.34	16.95	16.02
PDBT-2F	BTP-2F-2Cl,SY2	16.78	15.48	14.48	16.16	17.24	16.00	14.33	16.02
PBDB-TSCl	AQx	17.34	14.91	14.86	16.11	16.89	16.03	14.61	16.02
W1	BT-BO-L4F,BTP-S7	16.70	16.27	14.72	15.26	16.98	16.20	14.17	16.02
PBBSe-Cl	LL3	17.56	14.78	15.88	16.48	15.73	15.69	27.35	16.02
PBT1-EH	SY3	16.97	15.83	15.56	15.75	15.47	16.53	14.06	16.02
TPD-3F	PTIC-4Cl	17.01	15.22	15.49	14.99	16.92	16.49	14.49	16.02
2T-TTC-BDTFT	HDO-4Cl	16.57	15.49	14.66	15.08	17.10	17.21	15.80	16.02
TTFQx-T1	BTP-eC9	16.48	15.77	14.88	15.57	16.03	17.38	14.95	16.02
TTFQx-T1	BTP-4Cl,eC9	16.48	15.77	14.88	15.57	16.03	17.38	14.95	16.02
PDTB-EF-T	AQx-2	16.14	16.26	14.56	15.10	17.23	16.82	14.41	16.02
PBDB-T-2Cl	TB-4Cl	16.38	16.34	15.09	15.63	16.26	16.39	15.68	16.02
W1	Y11	17.06	16.45	14.40	15.03	16.95	16.20	14.44	16.02
PBDB-TSCl	ABP4T-4F	17.38	14.75	14.76	15.88	17.44	15.88	15.34	16.02
PBCT-2F	SY1	17.06	16.39	15.29	15.18	15.25	16.92	17.11	16.01
W1	ABP4T-4F	17.05	16.31	14.61	15.36	16.96	15.80	13.96	16.01
PDTB-EF-T	MS-4Cl	16.39	14.10	15.01	16.34	17.12	17.11	15.25	16.01
PBDT-3TCO	BTP-ClBr	17.03	15.95	15.15	14.98	17.10	15.86	16.84	16.01
BO2FC8	HDO-4Cl	16.36	15.41	15.18	15.45	16.73	16.94	15.55	16.01
PTO2	AQx	17.42	15.50	14.62	15.20	17.01	16.32	15.28	16.01
PBT1-EH	PTIC-4Cl	17.10	15.26	15.59	16.18	15.37	16.56	13.61	16.01
PFOPB	Y6-2Se	16.43	16.57	14.08	15.93	17.13	15.92	15.40	16.01
P-FT	BTP-ClBr1	16.26	15.54	15.35	16.06	16.62	16.22	14.95	16.01
P-FT	BTP-ClBr	16.30	15.44	15.70	16.06	16.61	15.95	15.16	16.01
TTFQx-T1	LL3-2Cl	16.63	15.88	14.86	15.19	16.07	17.44	14.85	16.01
PBCT-2F	Y22	17.68	16.78	14.62	14.54	15.43	17.01	17.22	16.01
D18	Y9-2Br	16.40	15.65	15.59	15.50	16.51	16.40	16.75	16.01
W1	BPS-4F	16.19	16.31	14.65	16.10	16.80	16.00	15.23	16.01
PBDB-T-SF	MS-4Cl	16.36	14.05	15.13	16.76	17.21	16.54	15.40	16.01
PBQx-TF	Y22	17.08	18.82	12.13	15.78	17.75	14.49	16.95	16.01
P5T-2F	LL4	16.64	16.25	16.18	16.83	13.89	16.24	27.15	16.01
PBQ-4F	A-WSSe-Cl	16.66	15.52	15.08	15.16	16.40	17.21	15.54	16.01
SZ5	BT-BO-L4F,BTP-S7	16.62	15.63	14.92	15.24	17.41	16.22	16.35	16.01

TPD-3F	SY1	17.19	16.70	14.38	13.99	17.46	16.30	14.45	16.01
J52-2F,J52-F,PFBZ	BTP-S1	16.27	15.92	15.51	15.97	16.46	15.91	15.11	16.00
PBFTT	LL3-2Cl	17.15	15.68	14.78	15.54	16.78	16.09	15.76	16.00
PBT1-EH	HDO-4Cl	17.06	15.71	15.30	15.79	15.44	16.72	14.15	16.00
PTBB-m	LL3	17.36	15.70	15.52	16.94	14.06	16.44	21.59	16.00
PBCT-2F	BTIC-2Cl-yCF3	17.15	16.82	14.85	15.20	14.99	17.00	17.55	16.00
W1	PTIC-4Cl	16.75	14.52	15.14	16.13	16.95	16.53	14.89	16.00
PBDB-TSCl	Y18	17.45	15.03	14.86	15.37	17.23	16.07	15.25	16.00
PTO2	Y22	17.55	15.25	14.63	14.32	18.14	16.11	15.93	16.00
D18	BTDTP-4F	16.68	16.06	14.51	15.33	18.17	15.25	16.45	16.00
PBDB-T-SF	BTIC-2Br-m,TPT10	16.28	15.32	15.38	16.07	17.29	15.65	15.87	16.00
PBDE-DFDT	LL3	17.63	15.10	15.43	15.98	16.42	15.43	24.39	16.00
SZ5	ABP4T-4F	16.36	15.72	14.85	15.30	17.35	16.41	16.31	16.00
PBT-SF	Y6-1O	16.37	15.80	13.93	14.98	18.28	16.61	14.35	16.00
PBQx-TF	N3	16.66	18.78	12.23	16.37	17.74	14.18	17.28	15.99
J11	LL4	17.12	15.41	16.10	16.06	16.10	15.15	26.20	15.99
PBDTSF-TZNT	LL3-2Cl	16.62	14.70	14.80	16.63	16.41	16.79	14.58	15.99
PBDTS-TDZ	BTP-S2	17.03	16.40	15.30	16.91	13.60	16.70	16.14	15.99
SZ5	L8-BO	16.43	15.98	14.87	14.92	17.25	16.50	16.32	15.99
P-FT	BTP-ClBr2	16.26	15.42	15.48	15.98	16.58	16.22	14.96	15.99
PBDT-3TCO	BTP-ClBr2	17.00	16.13	14.93	14.84	17.14	15.88	16.92	15.99
BO2FC8	Y6-2Se	15.49	16.71	14.99	15.23	17.12	16.38	14.84	15.99
PBQx-TF	BTPTT-4F,Y6	16.46	19.27	12.12	16.25	17.64	14.18	17.27	15.99
SZ5	Y18	16.86	15.75	14.82	14.73	17.17	16.57	16.06	15.98
PFOPB	BTIC-2Cl-yCF3	17.05	16.24	14.31	15.33	16.95	16.03	15.47	15.98
SZ5	AQx	16.51	15.78	14.75	15.43	16.88	16.55	15.23	15.98
PBQx-TF	BTSe-4F	16.11	19.44	11.75	16.10	17.38	15.11	17.00	15.98
P5T-2F	BTP-ClBr	15.61	16.79	16.01	17.38	13.96	16.16	16.16	15.98
PCl(4)BDB-T	LL3	17.40	14.98	16.28	16.26	14.57	16.39	27.34	15.98
PFBDB-T	TB-4Cl	16.29	16.33	14.97	15.18	16.39	16.73	15.64	15.98
PBDB-T-SF	BTDTP-4F	16.46	15.49	15.00	15.63	17.42	15.88	15.26	15.98
J62	BTP-S1	16.52	16.67	15.70	15.79	15.93	15.27	12.70	15.98
PCl(4)BDB-T	S-WSeSe-Cl	16.29	16.93	15.68	16.26	14.20	16.52	16.62	15.98
PBDTS-TDZ	BTP-4Cl,eC9	16.69	16.53	15.29	16.35	13.91	17.10	15.88	15.98
PBDTS-TDZ	BTP-eC9	16.69	16.53	15.29	16.35	13.91	17.10	15.88	15.98
PBDTSF-TZNT	BTIC-BO-4Br	16.71	14.93	13.97	17.43	16.43	16.39	14.91	15.98
W1	N3	17.10	16.16	14.60	15.15	17.12	15.73	13.92	15.98
PBCT-2F	BPS-4F	17.09	17.08	14.77	16.03	14.38	16.52	18.49	15.98
PBDB-T2F,PM6,PBDB-TF	Y9-2Br	16.44	15.37	15.55	15.52	16.82	16.15	15.48	15.98
PBQ-4F	BTIC-BO-4Br	16.92	15.58	14.63	15.53	16.36	16.84	15.21	15.98
PBDB-TSCl	BT-BO-L4F,BTP-S7	17.02	15.22	14.86	15.73	17.40	15.63	15.44	15.98
SZ5	BTIC-2Cl-yCF3	16.71	16.04	14.63	15.14	16.94	16.40	16.21	15.97

W1	AQx	17.04	16.40	14.55	15.45	16.41	16.00	13.52	15.97
PDBT-2F	BTP-S9	16.47	15.49	14.39	16.49	17.19	15.82	14.41	15.97
PBN-S	BTN-4F	17.19	15.53	14.65	14.62	17.56	16.29	15.06	15.97
J62	BTP-2F-2Cl,SY2	16.08	16.92	15.38	15.32	16.33	15.79	11.60	15.97
PDBT-Cl	BTSe-4F	16.60	16.21	14.85	14.96	16.97	16.24	15.67	15.97
PBQ-4F	BTP-ClBr	16.72	15.52	15.24	15.28	16.38	16.68	15.37	15.97
BO2FC8	BTIC-2Cl-yCF3	16.39	16.29	14.98	14.69	16.87	16.59	14.90	15.97
PBBSe-Cl	A-WSSe-Cl	16.10	16.66	15.13	16.59	15.57	15.76	15.98	15.97
PDTB-EF-T	Y9-2Br	16.42	15.49	15.20	15.66	16.61	16.44	15.65	15.97
PBDB-TSCl	N3	17.40	14.75	14.74	15.70	17.43	15.80	15.30	15.97
PTQ11	LL3	17.80	15.11	16.01	16.25	16.69	13.96	22.18	15.97
2T-TTC-BDTFT	SY3	16.44	15.59	14.95	14.97	17.04	16.80	15.45	15.96
TPD-3F	Y6-2Se	16.51	17.81	13.17	14.51	17.54	16.24	14.43	15.96
W1	Y18	17.16	16.42	14.60	14.80	16.85	15.96	14.12	15.96
PBQx-TF	MS-4Cl	16.33	14.49	14.69	17.70	16.87	15.70	16.65	15.96
PBTA-PSF	LL4	17.01	15.78	15.40	15.73	16.73	15.12	23.27	15.96
TPD-3F	Y11	17.54	17.33	13.39	13.94	17.38	16.19	14.07	15.96
PBCT-2F	MS-4Cl	16.49	14.38	15.21	16.03	16.41	17.25	16.90	15.96
PDBT-2F	LL4	16.39	14.94	15.55	16.45	17.27	15.16	27.04	15.96
PBQ-4F	BTP-ClBr1	16.64	15.59	14.83	15.29	16.36	17.04	15.14	15.96
J52-2F,J52-F,PFBZ	Y19	16.16	15.89	15.09	15.70	16.44	16.47	15.08	15.96
PBDB-T-2Cl	PT2IC-4Cl	16.25	15.40	15.48	16.11	16.11	16.39	15.45	15.96
m-PBDTPS-FTAZ	LL3	17.77	15.10	15.06	16.91	15.75	15.16	20.57	15.96
J61	LL3-2Cl	16.83	16.46	15.58	15.49	16.14	15.24	13.45	15.96
PFOPB	BTIC-2Br-m,TPT10	16.56	15.35	15.39	15.65	16.97	15.82	15.76	15.96
PBDTSF-TZNT	BO-4Cl	16.19	14.59	15.02	16.76	16.40	16.77	14.69	15.96
PDBT-2F	LL3	16.85	14.57	15.56	16.44	17.18	15.14	27.50	15.96
PBFTT	BTP-FCl-FCl	17.20	16.16	14.91	15.21	16.76	15.48	15.43	15.95
PBDB-TSCl	BTPTT-4F,Y6	17.29	14.78	14.84	15.57	17.37	15.88	15.29	15.95
PBDTS-TDZ	Y19	16.75	16.67	15.06	16.36	13.78	17.11	15.77	15.95
2T-TTC-BDTFT	PTIC-4Cl	16.60	15.12	15.00	15.28	16.87	16.85	15.21	15.95
PE4	TB-4Cl	16.06	15.81	15.01	15.77	16.89	16.19	15.27	15.95
BO2FC8	PTIC-4Cl	16.39	14.92	15.58	15.61	16.49	16.71	14.95	15.95
PBFTT	BTP-S9	17.00	15.88	14.84	15.63	16.68	15.66	15.63	15.95
PBDTS-Se-TAZ	LL4	17.24	16.00	15.40	15.51	16.19	15.34	21.86	15.95
PBQ-4F	BTP-ClBr2	16.74	15.41	14.98	15.19	16.39	16.97	15.19	15.95
P5T-2F	BTP-ClBr2	15.70	16.84	15.61	17.31	13.97	16.23	16.27	15.94
PBCT-2F	Y6-1O	17.50	16.69	14.43	14.86	15.15	17.03	17.66	15.94
PFBDB-T	BTP-FCl-FCl	16.00	16.23	15.24	14.91	16.57	16.69	15.57	15.94
P_chen,P105	LL3	17.92	14.87	15.75	16.34	16.00	14.75	23.05	15.94
PBDB-T-2Cl	HDO-4Cl	16.23	15.79	15.00	15.77	16.27	16.57	16.09	15.94
PTO2	BTSe-4F	16.96	15.60	14.42	14.56	17.81	16.26	16.10	15.94
PBT-SF	BTIC-2Br-m,TPT10	16.05	15.53	15.07	15.62	17.44	15.90	15.47	15.94
J52-2F,J52-F,PFBZ	BTP-S9	15.79	16.13	15.12	15.84	16.49	16.24	14.71	15.94

SZ5	BTP-2F-ThCl	16.75	15.76	15.24	15.09	17.05	15.72	15.90	15.93
PBT1-EH	SY1	17.25	16.15	14.95	14.77	16.09	16.39	13.43	15.93
TTFQx-T1	Y19	16.54	15.89	14.80	15.09	15.90	17.38	14.78	15.93
PBTA-PSF	BTP-ClBr	15.86	16.09	15.12	16.92	16.28	15.32	14.26	15.93
PDBT-F	MS-4Cl	16.42	13.74	15.07	16.37	17.15	16.84	15.50	15.93
PBDT-3TCO	BTP-ClBr1	16.80	16.12	14.77	14.97	17.17	15.77	16.95	15.93
PFOPB	Y6-Se	17.50	15.97	13.92	15.76	16.75	15.70	16.00	15.93
PBN-S	TPQx-6F	17.32	16.13	14.33	15.15	16.42	16.23	14.47	15.93
PBDTSF-TZNT	BTP-S2	16.87	14.02	14.74	17.29	16.38	16.27	14.93	15.93
SZ5	N3	16.46	15.52	14.82	15.10	17.32	16.34	16.27	15.93
P-CIT	LL4	16.81	14.99	16.00	16.19	16.12	15.46	24.48	15.93
TPD-3F	BTIC-2Br-m,TPT10	16.62	15.98	15.29	14.52	17.02	16.14	15.14	15.93
PBT1-EH	Y9-2Br	17.01	15.62	15.54	15.67	15.43	16.29	14.59	15.93
J61	BO-4Cl	16.56	16.30	15.70	15.61	16.19	15.19	13.25	15.93
H13	LL3	17.52	14.77	15.67	15.71	16.23	15.65	24.74	15.93
PBFTT	Y19	17.04	15.75	14.74	15.45	16.53	16.04	15.70	15.93
PFBDB-T	PT2IC-4Cl	16.13	15.27	15.37	15.65	16.38	16.74	15.42	15.92
J52-2F,J52-F,PFBZ	BTP-2F-2Cl,SY2	15.85	16.26	15.15	15.50	16.58	16.21	14.63	15.92
2T-TTC-BDTFT	SY1	16.77	15.89	14.69	14.25	17.30	16.64	15.05	15.92
PBQx-TF	TPQx-6F	16.62	19.29	12.26	15.91	17.09	14.37	15.90	15.92
PFOPB	BPS-4F	16.60	16.50	13.86	16.13	16.73	15.71	16.14	15.92
P5T-2F	BTP-ClBr1	15.67	17.02	15.43	17.39	13.80	16.22	16.27	15.92
PDBT-2F	TB-4Cl	16.54	15.58	14.23	16.26	16.81	16.11	14.57	15.92
PBT-Cl	S-WSeSe-Cl	16.07	16.20	15.80	16.55	14.25	16.66	16.29	15.92
TPD-3F	BTIC-2Cl-yCF3	17.12	17.17	13.61	14.07	17.16	16.40	14.57	15.92
PBDB-T-SF	AQx-2	16.00	15.89	14.86	15.42	16.96	16.40	15.11	15.92
PFBDB-T	HDO-4Cl	16.12	15.72	14.91	15.31	16.55	16.92	16.06	15.92
PBDB-T-2Cl	BTP-FCl-FCl	15.84	16.11	15.43	15.37	16.46	16.30	15.61	15.92
PE4	CH1007	14.61	16.15	15.19	16.29	17.20	16.08	16.01	15.92
SZ5	BTPTT-4F,Y6	16.27	15.70	14.86	14.99	17.27	16.41	16.27	15.92
BO2FC8	Y6-Se	16.62	15.63	14.79	15.05	16.71	16.69	15.81	15.92
BO2FC8	BT-BO-L4F,BTP-S7	16.29	15.91	15.09	14.70	17.06	16.45	14.33	15.91
J62	TB-4Cl	16.30	16.30	15.18	15.43	16.12	16.14	12.59	15.91
PFOPB	Y9-2Br	16.63	15.11	15.45	15.48	16.84	15.98	15.58	15.91
PBT1-EH	BTIC-2Br-m,TPT10	16.83	15.81	15.55	15.64	15.41	16.23	14.42	15.91
PBDT-S-2TC	LL4	17.52	16.12	15.60	15.06	15.14	16.04	22.55	15.91
PBDT-3TCO	BTIC-BO-4Br	17.11	15.96	14.34	15.33	17.12	15.60	16.98	15.91
PBB-F	TB-4Cl	16.50	16.93	14.28	15.18	16.05	16.52	17.17	15.91
TPD-3F	Y9-2Br	16.69	15.81	15.40	14.57	16.71	16.27	15.23	15.91
PBTA-PSF	A-WSSe-Cl	15.92	16.23	14.91	16.69	16.29	15.40	14.21	15.91
HFQx-T	LL4	16.74	14.89	15.51	16.00	15.89	16.40	24.68	15.91
PBCT-2F	BTP-2F-ThCl	17.19	16.50	15.25	15.16	15.08	16.24	17.02	15.91
PBDTSF-TZNT	Y19	16.42	14.63	14.63	16.56	16.49	16.69	14.51	15.90
BO2FC8	BPS-4F	15.70	16.56	14.84	15.12	17.02	16.19	15.20	15.90

H14	LL3	17.66	14.98	15.56	15.66	16.18	15.38	24.08	15.90
PE4	BTP-FCl-FCl	15.49	15.77	15.35	15.56	17.30	15.95	14.90	15.90
SM1-F	LL4	16.92	15.57	15.32	15.50	15.94	16.16	26.84	15.90
J52-2Cl	A-WSSe-Cl	15.84	15.49	15.36	16.41	16.36	15.93	15.37	15.90
PBB-F	BTP-S9	16.52	17.19	13.56	14.98	16.68	16.47	17.16	15.90
PBBSe-Cl	LL4	16.57	15.34	15.69	16.45	15.90	15.43	26.86	15.90
P5T-2F	BTP-S2	15.74	17.08	15.59	17.51	13.71	15.75	16.23	15.90
PE4	PT2IC-4Cl	15.86	14.89	15.40	16.21	16.90	16.12	15.07	15.90
PBDTSF-TZNT	BTP-eC9	16.04	14.53	14.86	16.77	16.50	16.69	14.62	15.90
PBDTSF-TZNT	BTP-4Cl,eC9	16.04	14.53	14.86	16.77	16.50	16.69	14.62	15.90
PBDTTAZ-NaPh	LL3	18.41	15.18	14.25	18.22	16.52	12.79	20.78	15.90
P-4FP,P-FP	LL4	16.98	14.73	15.80	16.40	16.17	15.28	25.75	15.89
PBDB-T-SF	BTN-4F	16.23	15.62	15.07	14.80	17.92	15.73	14.94	15.89
PDBT-2F	BTP-FCl-FCl	16.74	15.15	14.48	16.08	17.21	15.71	14.21	15.89
HFQx-T	BTP-S2	16.92	14.87	15.31	15.88	15.99	16.36	14.43	15.89
PTO2	Y6-1O	17.15	15.11	14.40	14.62	18.08	15.97	16.30	15.89
PBQx-TF	AQx-2	16.84	18.37	12.13	16.11	17.23	14.64	16.56	15.89
PBT-SF	Y26	16.58	16.07	13.94	14.34	18.41	15.98	13.89	15.89
PTQ11	LL4	17.08	15.73	15.84	16.22	16.70	13.75	21.65	15.89
PDBT-F	Y6-O	17.70	15.47	13.26	14.32	17.67	16.90	16.40	15.89
J62	CH1007	15.66	17.26	14.83	15.78	15.55	16.24	12.13	15.89
PBT-Cl	LL4	16.53	15.77	16.30	16.20	14.13	16.37	25.72	15.89
PBDB-T-2Cl	PTIC-4Cl	16.32	15.29	15.37	15.95	16.11	16.26	15.35	15.88
J61	BTP-eC9	16.45	16.36	15.62	15.62	16.16	15.10	13.14	15.88
J61	BTP-4Cl,eC9	16.45	16.36	15.62	15.62	16.16	15.10	13.14	15.88
PBDB-T-2Cl	SY3	16.11	15.77	15.29	15.64	16.31	16.18	15.55	15.88
J52-Cl	BTP-S2	16.30	14.76	15.86	16.57	16.23	15.57	14.90	15.88
PBDT-3TCO	BTP-S2	17.22	15.87	14.88	14.96	17.15	15.20	16.97	15.88
SM1-S	LL4	17.15	15.99	14.93	15.38	15.84	16.00	23.12	15.88
PTO2	BTP-2F-ThCl	17.07	15.32	15.15	14.85	17.27	15.62	15.97	15.88
J11	A-WSSe-Cl	15.61	16.13	15.43	16.73	15.89	15.49	15.58	15.88
HFQx-T	A-WSSe-Cl	16.57	15.61	14.81	15.70	15.83	16.75	14.73	15.88
SZ5	Y22	16.90	15.62	14.71	14.50	17.27	16.27	15.97	15.88
PBB-F	PT2IC-4Cl	16.36	16.11	14.72	15.63	16.02	16.42	16.79	15.88
J11	BTP-S2	16.26	15.74	15.97	16.92	15.71	14.67	15.31	15.88
PBDT-S-2TC	S-WSeSe-Cl	17.85	16.25	15.08	14.62	14.96	16.51	13.99	15.88
L810	A-WSSe-Cl	15.80	15.49	15.36	16.35	16.34	15.91	15.36	15.88
P-4FP,P-FP	A-WSSe-Cl	16.23	15.62	15.22	16.37	16.12	15.68	15.34	15.87
PDTB-EF-T	BTN-4F	16.11	16.00	14.29	14.33	18.27	16.24	14.11	15.87
PBZ-ClSi	Y9-2Br	16.28	15.20	16.47	15.47	15.75	16.07	14.75	15.87
J52-2Cl	BTP-ClBr	15.85	15.44	15.47	16.48	16.51	15.48	15.28	15.87
PBBSe-Cl	BTP-ClBr2	16.03	16.29	15.14	16.60	15.62	15.54	15.75	15.87
PDBT-Cl	BTDTP-4F	17.09	15.23	14.80	15.23	17.06	15.82	15.28	15.87
PDBT-F	Y9-2Br	16.41	15.37	15.29	15.52	16.70	15.92	15.47	15.87
PBCT-2F	BT-BO-L4F,BTP-S7	17.21	16.65	14.93	15.23	14.15	17.05	17.74	15.87
PBDB-TSCl	BTP-2F-ThCl	16.84	15.28	15.14	15.63	17.01	15.31	15.27	15.87

PBDB-TSCl	Y22	17.41	15.05	14.65	15.08	17.34	15.68	15.17	15.87
PBT-SF	BTDTP-4F	16.09	15.81	14.33	15.19	17.76	16.03	13.90	15.87
PBFTT	LL4	16.74	14.67	15.94	15.96	16.31	15.59	30.35	15.87
PE4	HDO-4Cl	15.84	15.17	14.86	15.91	17.08	16.35	15.72	15.87
P5T-2F	BO-4Cl	15.47	16.85	15.70	17.07	13.86	16.25	16.17	15.87
J61	Y19	16.64	16.51	15.46	15.39	16.07	15.13	13.35	15.87
J101	LL4	17.86	14.04	16.96	15.76	14.67	15.90	24.14	15.86
PBT-SF	MS-4Cl	16.27	13.95	14.70	16.34	17.17	16.75	14.91	15.86
BO2FC8	BTIC-2Br-m,TPT10	16.14	15.54	15.47	15.12	16.62	16.30	15.49	15.86
PFBDB-T	SY3	16.01	15.71	15.20	15.20	16.52	16.53	15.52	15.86
PBQx-TF	BTTPC-Br	15.46	16.27	14.20	17.24	16.18	15.82	16.50	15.86
PBBSe-Cl	BTP-ClBr	15.99	16.13	15.34	16.68	15.52	15.50	15.72	15.86
BSCl-C2	S-WSeSe-Cl	17.74	15.42	15.31	15.33	15.76	15.62	14.78	15.86
J62	PT2IC-4Cl	15.88	15.27	15.59	15.95	16.43	16.06	12.57	15.86
PBCIT,PCE10-2Cl	S-WSeSe-Cl	17.11	15.18	14.88	16.34	16.32	15.32	16.63	15.86
W1	Y22	17.06	16.32	14.49	14.55	16.87	15.87	14.04	15.86
J52-Cl	A-WSSe-Cl	15.77	15.38	15.25	16.38	16.39	15.99	15.17	15.86
PBZ-ClSi	BTIC-2Br-m,TPT10	15.42	15.20	16.31	15.70	16.66	15.86	14.72	15.86
TPD-3F	Y12	17.07	17.32	13.41	13.86	17.58	15.91	13.94	15.86
TPD-3F	Y6-BO	17.07	17.32	13.41	13.86	17.58	15.91	13.94	15.86
PBB-F	SY3	16.32	16.53	14.57	15.10	16.04	16.58	16.85	15.86
2T-TTC-BDTFT	Y11	16.97	15.61	13.93	14.24	17.38	17.00	14.57	15.86
PBDB-T2F,PM6,PBDB-TF	MS-4Cl	16.27	13.60	15.35	16.15	16.90	16.86	15.44	15.86
J101	S-WSeSe-Cl	16.37	14.10	16.50	17.00	14.71	16.43	15.27	15.85
BO2FC8	Y11	16.80	15.86	14.76	14.64	16.63	16.42	14.44	15.85
PBZ-ClSi	BO-4Cl	16.04	14.23	16.43	16.76	16.13	15.50	14.60	15.85
W1	BTP-6F	16.89	15.91	14.30	15.52	17.04	15.44	13.68	15.85
PTQ11	S-WSeSe-Cl	17.25	15.91	15.40	15.79	16.13	14.62	13.73	15.85
J62	SY3	15.74	15.72	15.36	15.51	16.55	16.21	12.91	15.85
PBDB-T-SF	Y9-2Br	16.35	15.08	15.36	15.81	16.82	15.66	15.46	15.85
PBFTT	LL3	17.07	14.30	15.98	15.95	16.03	15.75	30.68	15.85
L810	BTP-ClBr	15.80	15.45	15.47	16.42	16.49	15.46	15.27	15.85
J52-2Cl	BTP-S2	16.34	14.90	15.73	16.60	16.29	15.22	15.10	15.85
PBN-S	Y6-O	17.42	15.51	13.25	14.47	17.53	16.90	16.29	15.85
PBFTT	TB-4Cl	17.29	15.62	14.55	15.42	16.28	15.90	15.55	15.84
PFBDB-T	PTIC-4Cl	16.20	15.16	15.26	15.49	16.36	16.59	15.32	15.84
PCl(4)BDB-T	LL4	16.43	15.40	16.13	16.23	14.64	16.23	26.85	15.84
P-FT	BO-4Cl	16.06	15.13	15.31	15.68	16.44	16.44	14.80	15.84
PBN-S	BDTP-4F	17.10	15.08	14.89	15.09	17.16	15.72	15.17	15.84
PBDTS-Se-TAZ	BTP-ClBr	15.90	16.13	15.16	16.65	15.70	15.51	13.35	15.84
PBQx-TF	Y26	16.94	18.14	12.20	15.43	17.84	14.48	16.78	15.84
PBDT-3TCO	LL3-2Cl	16.69	16.04	14.71	14.60	17.21	15.79	16.68	15.84
J62	Y9-2Br	16.01	15.56	15.43	15.14	16.81	16.09	13.56	15.84
BO2FC8	Y9-2Br	16.30	15.45	15.52	15.01	16.34	16.41	15.28	15.84
PDBT-2F	HDO-4Cl	16.32	15.14	13.95	16.45	16.92	16.24	14.92	15.84

PDBT-F	TPQx-6F	17.28	16.20	14.22	15.00	16.37	15.95	14.37	15.84
PBFTT	Y6-Se	17.55	16.32	14.38	15.20	16.01	15.56	15.85	15.84
J52-2Cl	BTP-ClBr2	15.72	15.32	15.24	16.42	16.60	15.71	15.02	15.84
PBTA-PSF	BTP-ClBr2	15.85	16.01	14.88	16.75	16.34	15.18	13.89	15.84
PBQx-TF	BTP-2Cl-delta,H2	16.11	15.96	14.31	16.32	16.72	15.60	16.43	15.84
PDTB-EF-T	TPQx-6F	16.57	16.39	14.01	14.96	16.83	16.26	13.68	15.83
W1	BTIC-2Br-m,TPT10	15.95	15.26	15.03	15.48	17.16	16.11	15.34	15.83
PTO2	BTIC-2Br-m,TPT10	16.33	15.10	14.99	15.22	17.20	16.15	16.27	15.83
TTFQx-T1	BTP-S1	16.83	14.94	15.28	15.24	15.76	16.94	14.83	15.83
P-FT	LL3-2Cl	16.15	15.37	15.23	15.42	16.34	16.48	14.68	15.83
PBQ-4F	BO-4Cl	16.38	15.23	14.86	14.91	16.39	17.20	15.04	15.83
J61	Y9-2Br	16.04	15.73	15.72	15.12	16.68	15.68	14.04	15.83
J52-2Cl	BTIC-BO-4Br	15.89	15.47	15.00	16.65	16.50	15.45	15.09	15.83
TTFQx-T1	BTP-S9	16.45	15.61	14.83	14.98	15.88	17.21	14.44	15.83
PDBT-2F	PT2IC-4Cl	16.09	14.79	14.59	16.73	16.92	15.84	14.38	15.83
PBT1-EH	BTIC-2Cl-yCF3	17.17	16.51	14.25	15.01	15.55	16.48	13.42	15.83
PBZ-ClSi	LL3-2Cl	16.71	14.35	16.24	16.33	15.79	15.54	14.48	15.83
PBT-SF	Y9-2Br	16.30	15.50	15.02	15.34	16.87	15.92	15.27	15.83
PBDE-DFDT	LL4	16.75	15.47	15.14	15.94	16.55	15.10	23.86	15.83
PBDB-TSCl	BTIC-2Br-m,TPT10	16.50	15.14	15.14	15.99	16.88	15.30	15.82	15.83
PBB-F	Y9-2Br	16.45	16.31	14.71	15.14	15.85	16.48	16.63	15.82
P5T-2F	LL3-2Cl	15.96	17.03	15.51	16.47	13.68	16.29	15.92	15.82
P5T-2F	BTIC-BO-4Br	15.90	16.92	14.79	17.55	13.74	16.04	16.31	15.82
PFOPB	Y11	17.47	15.82	14.33	15.21	16.77	15.33	15.59	15.82
J52-Cl	BTP-ClBr	15.76	15.35	15.35	16.44	16.54	15.49	15.07	15.82
PBDTS-TDZ	SY3	16.30	16.20	15.25	15.92	14.31	16.95	15.75	15.82
L810	BTP-S2	16.30	14.90	15.72	16.53	16.27	15.19	15.09	15.82
W1	BTP-2F-ThCl	16.63	16.05	15.03	15.10	16.70	15.40	14.40	15.82
PBB-F	PTIC-4Cl	16.43	15.95	14.63	15.48	16.04	16.39	16.68	15.82
PBDB-T-2Cl	SY1	16.13	15.89	15.29	14.94	16.67	15.99	15.28	15.82
PCl(4)BDB-T	A-WSSe-Cl	16.01	16.59	15.48	16.11	14.21	16.50	16.07	15.82
P-4FP,P-FP	BTP-ClBr	16.21	15.34	15.37	16.43	16.13	15.41	15.22	15.82
D18	TPQx-6F	16.48	16.63	14.17	15.01	17.17	15.42	15.72	15.81
TPD-3F	BT-BO-L4F,BTP-S7	17.15	17.00	13.32	13.91	17.27	16.24	13.86	15.81
PBDB-TSCl	BTP-6F	17.28	14.24	14.40	16.06	17.10	15.80	15.42	15.81
PBDB-TSCl	MS-4Cl	16.52	14.02	14.88	16.67	16.70	16.09	15.32	15.81
TPD-3F	Y18	17.37	17.40	13.03	13.87	17.28	15.92	13.74	15.81
J52-Cl	BTIC-BO-4Br	15.80	15.35	14.94	16.62	16.59	15.56	14.89	15.81
SM1-F	S-WSeSe-Cl	17.02	16.35	14.77	14.36	15.76	16.59	16.69	15.81
PBB-F	BTP-2F-2Cl,SY2	16.42	17.20	13.61	14.78	16.56	16.29	17.20	15.81
PDBT-Cl	AQx-2	16.66	15.66	14.58	15.01	16.66	16.28	15.10	15.81
PBDT-3TCO	BO-4Cl	16.60	16.01	14.84	14.44	17.22	15.75	16.81	15.81
PBT-SF	AQx-2	15.84	16.06	14.14	14.94	17.35	16.52	14.01	15.81
L810	BTP-ClBr2	15.68	15.33	15.24	16.36	16.55	15.69	15.01	15.81

J52-2Cl	BTP-ClBr1	15.73	15.41	15.11	16.49	16.48	15.63	15.00	15.81
PBCIT,PCE10-2Cl	BTP-S2	17.28	14.37	15.39	16.33	16.25	15.22	15.74	15.81
PBDB-TSCl	BTSe-4F	16.88	14.98	14.90	15.37	17.01	15.69	15.18	15.81
HFQx-T	BTIC-BO-4Br	16.85	15.44	14.51	15.97	15.75	16.31	14.37	15.80
PBDTS-Se-TAZ	A-WSSe-Cl	15.98	16.23	14.95	16.43	15.64	15.58	12.96	15.80
L810	BTIC-BO-4Br	15.84	15.48	15.00	16.60	16.48	15.43	15.08	15.80
PBT1-EH	MS-4Cl	16.50	14.47	15.38	16.24	15.50	16.72	14.00	15.80
PDTB-EF-T	Y6-O	16.66	16.04	12.88	14.26	18.11	16.86	15.00	15.80
J62	BTP-FCl-FCl	15.72	16.91	15.41	15.20	16.12	15.43	11.37	15.80
PBB-F	HDO-4Cl	16.32	16.30	14.45	15.11	16.16	16.46	17.32	15.80
TPD-3F	BP5T-4F	16.99	17.42	13.21	14.11	17.25	15.80	13.78	15.80
PBQ-4F	LL3-2Cl	16.50	15.45	14.76	14.60	16.25	17.21	14.88	15.80
PBDTS-TDZ	TB-4Cl	16.53	16.52	14.88	16.12	13.77	16.97	15.64	15.80
J11	BTP-ClBr	15.57	15.71	15.51	16.73	15.96	15.30	15.46	15.80
P2F-EHp	S-WSeSe-Cl	16.53	16.07	14.89	15.78	16.10	15.41	14.91	15.80
PBBSe-Cl	BTP-ClBr1	15.95	16.26	14.97	16.69	15.50	15.40	15.75	15.79
HFQx-T	BTP-ClBr	16.64	15.39	14.96	15.78	15.80	16.21	14.62	15.79
PDBT-F	BDTP-4F	17.44	14.68	14.95	15.05	17.26	15.38	15.35	15.79
PBTA-PSF	BTP-ClBr1	15.87	16.09	14.70	16.90	16.25	14.93	13.89	15.79
P-FT	BTP-eC9	15.94	15.19	15.26	15.69	16.29	16.38	14.73	15.79
P-FT	BTP-4Cl,eC9	15.94	15.19	15.26	15.69	16.29	16.38	14.73	15.79
TTFQx-T1	BTP-2F-2Cl,SY2	16.58	15.48	14.86	14.70	15.84	17.29	14.36	15.79
PE4	SY3	15.61	15.33	15.16	15.72	17.01	15.91	15.32	15.79
SZ5	BTIC-2Br-m,TPT10	16.31	15.24	15.11	15.50	16.79	15.78	16.10	15.79
PE4	PTIC-4Cl	15.91	14.71	15.28	16.05	16.79	15.99	14.96	15.79
PBB-F	BTP-S1	16.52	16.89	13.76	15.60	16.23	15.73	17.47	15.79
TPD-3F	BPS-4F	16.63	17.62	12.96	14.24	17.23	16.03	14.72	15.79
PBZ-ClSi	BTP-S2	16.62	13.84	16.39	17.12	15.66	15.08	14.83	15.79
P5T-2F	BTP-eC9	15.32	16.92	15.56	17.05	13.69	16.17	16.09	15.79
L810	BTP-ClBr1	15.69	15.42	15.11	16.43	16.46	15.60	14.98	15.78
PFBDB-T	SY1	16.26	15.83	15.10	14.50	16.66	16.35	15.23	15.78
J62	BTIC-2Br-m,TPT10	15.72	15.71	15.36	15.34	16.65	15.93	13.35	15.78
PBN-S	eC9-2Cl	16.45	14.68	15.13	15.75	16.71	15.97	15.44	15.78
PBDTS-TDZ	PT2IC-4Cl	16.34	15.74	15.34	16.33	14.01	16.93	15.40	15.78
PBB-F	BTIC-2Br-m,TPT10	16.24	16.43	14.40	15.09	16.07	16.44	16.90	15.78
PBQx-TF	Y6-1O	16.30	18.54	12.21	15.94	17.69	14.00	17.33	15.78
PFOPB	BT-BO-L4F,BTP-S7	17.07	15.67	14.23	15.38	16.90	15.42	15.37	15.78
HFQx-T	BTP-ClBr2	16.67	15.41	14.72	15.72	15.66	16.50	14.35	15.78
PBDT-3TCO	BTP-eC9	16.54	16.03	14.75	14.45	17.24	15.66	16.73	15.78
PBDT-3TCO	BTP-4Cl,eC9	16.54	16.03	14.75	14.45	17.24	15.66	16.73	15.78
J52-Cl	BTP-ClBr1	15.65	15.30	15.00	16.45	16.52	15.75	14.80	15.78
J52-Cl	BTP-ClBr2	15.64	15.24	15.12	16.38	16.54	15.74	14.82	15.78
HFQx-T	BTP-ClBr1	16.54	15.46	14.58	15.79	15.78	16.51	14.29	15.78
PDBT-Cl	BTIC-2Br-m,TPT10	16.29	15.20	15.09	15.72	16.81	15.55	15.75	15.78
TPD-3F	L8-BO	16.98	17.53	13.15	13.93	17.09	15.97	13.73	15.77

W1	BTSe-4F	16.43	16.20	14.41	14.85	16.50	16.25	14.20	15.77
PDTB-EF-T	BDTP-4F	15.99	15.71	14.54	14.83	17.78	15.77	13.96	15.77
SZ5	BTP-6F	16.07	15.36	14.53	15.41	16.91	16.34	16.49	15.77
D18	BDTP-4F	16.49	15.72	14.43	15.04	18.19	14.75	16.27	15.77
TPD-3F	Y22	17.40	17.22	13.08	13.62	17.39	15.92	13.67	15.77
J62	PTIC-4Cl	16.02	15.06	15.47	15.78	16.26	16.02	12.50	15.77
2T-TTC-BDTFT	Y6-2Se	15.92	16.30	13.65	14.86	17.40	16.47	15.05	15.77
J62	HDO-4Cl	15.91	15.61	15.06	15.61	16.39	16.03	12.93	15.77
2T-TTC-BDTFT	Y6-Se	16.97	15.29	13.50	14.58	17.25	17.01	16.00	15.77
BO2FC8	BTP-2F-ThCl	16.31	15.98	15.48	14.63	16.59	15.61	14.51	15.77
PBDT-3TCO	Y19	16.58	16.07	14.54	14.51	17.20	15.70	16.63	15.77
PBB-F	MS-4Cl	16.20	14.92	14.85	15.65	16.48	16.50	16.41	15.77
QX2	LL3	16.72	14.80	15.31	16.07	16.33	15.37	23.55	15.77
PBN-S	BTP-2Cl-delta,H2	16.36	14.89	15.18	15.53	16.63	16.00	15.30	15.76
D18	eC9-2Cl	16.03	15.01	15.29	15.50	16.72	16.03	16.30	15.76
PBZ-ClSi	BTP-eC9	15.86	14.23	16.29	16.72	16.04	15.42	14.53	15.76
PBZ-ClSi	BTP-4Cl,eC9	15.86	14.23	16.29	16.72	16.04	15.42	14.53	15.76
PBT1-C-2Cl	LL3	17.21	15.26	15.17	17.33	13.57	16.03	24.42	15.76
PFBDB-T	Y6-Se	16.38	16.13	14.10	14.89	16.35	16.71	15.84	15.76
J62	SY1	15.75	16.41	15.24	14.80	16.52	15.85	12.04	15.76
SZ5	BTDTP-4F	16.70	15.12	14.82	14.97	17.12	15.83	15.64	15.76
J11	BTP-ClBr2	15.41	15.75	15.28	16.68	16.16	15.28	15.25	15.76
TPD-3F	ABP4T-4F	16.94	17.37	13.22	13.88	17.37	15.79	13.69	15.76
J52-2F,J52-F,PFBZ	TB-4Cl	15.89	15.64	14.92	15.60	16.20	16.30	14.87	15.76
PFOPB	Y12	17.00	15.76	14.34	15.45	16.96	15.04	15.48	15.76
PFOPB	Y6-BO	17.00	15.76	14.34	15.45	16.96	15.04	15.48	15.76
PBDT-S-2TC	BTP-ClBr	17.77	15.82	15.23	14.65	15.01	16.07	13.64	15.76
PBTA-PSF	LL3-2Cl	16.14	15.95	14.66	16.52	16.32	14.96	13.71	15.76
SZ5	AQx-2	16.60	15.44	14.66	14.78	16.81	16.26	15.46	15.76
SZ5	MS-4Cl	16.31	14.10	14.96	15.99	16.60	16.58	15.84	15.76
D18	BTP-2Cl-delta,H2	15.92	15.22	15.35	15.29	16.71	16.05	16.18	15.76
P-4FP,P-FP	BTP-ClBr1	16.15	15.49	15.00	16.44	16.13	15.30	15.02	15.75
P-4FP,P-FP	BTP-ClBr2	16.17	15.36	15.17	16.36	15.99	15.46	15.03	15.75
PBQ-4F	BTP-eC9	16.29	15.25	14.79	14.88	16.14	17.15	14.96	15.75
PBQ-4F	BTP-4Cl,eC9	16.29	15.25	14.79	14.88	16.14	17.15	14.96	15.75
PDBT-Cl	MS-4Cl	16.29	13.87	14.84	16.25	16.79	16.47	15.49	15.75
J11	BTP-ClBr1	15.57	16.00	15.16	16.75	15.93	15.09	15.22	15.75
PBDTS-TDZ	BTP-S9	16.44	16.56	14.48	15.69	14.33	16.99	15.45	15.75
P-FT	Y19	16.04	15.41	15.17	15.31	16.15	16.40	14.62	15.75
PBCT-2F	BTIC-2Br-m,TPT10	16.35	15.85	15.39	15.54	14.81	16.54	17.01	15.75
2T-TTC-BDTFT	BTIC-2Cl-yCF3	16.64	16.01	13.85	14.29	16.95	16.74	15.11	15.75
SZ5	Y6-1O	16.14	15.43	14.50	14.80	17.24	16.36	16.35	15.75
TPD-3F	BTP-2F-ThCl	17.16	16.81	14.35	14.05	16.74	15.36	14.02	15.75
PFOPB	MS-4Cl	16.41	13.52	15.26	16.18	16.99	16.11	15.33	15.75
PDBT-Cl	Y26	17.05	15.37	14.42	14.37	17.61	15.65	15.50	15.75

PBDB-T-SF	Y6-O	16.81	15.68	13.19	14.56	17.76	16.47	16.16	15.74
PFOPB	BTP-2F-ThCl	16.99	15.81	15.13	15.23	16.52	14.77	15.13	15.74
TPD-3F	N3	17.02	17.16	13.17	13.86	17.53	15.71	13.69	15.74
W1	MS-4Cl	16.23	13.49	14.87	15.99	17.26	16.62	15.00	15.74
PBDB-TSCl	Y6-1O	16.99	14.59	14.39	15.27	17.38	15.82	15.42	15.74
PFBDB-T	Y11	16.31	15.92	14.53	14.49	16.53	16.65	15.41	15.74
PBCT-2F	BTSe-4F	17.27	16.84	14.53	14.74	14.10	16.95	17.33	15.74
PTBB-m	LL4	16.22	16.04	15.25	16.89	13.75	16.28	21.11	15.74
PBDTS-Se-TAZ	BTP-ClBr2	15.88	16.05	14.91	16.48	15.73	15.36	12.66	15.74
PBFTT	HDO-4Cl	16.94	15.02	14.38	15.57	16.48	16.02	15.97	15.74
PBDTS-TDZ	BTIC-2Br-m,TPT10	16.15	16.34	15.13	15.76	14.40	16.64	15.88	15.74
TPD-3F	AQx	17.05	17.49	12.97	14.20	16.73	15.96	13.24	15.74
J52-2F,J52-F,PFBZ	BTP-FCl-FCl	15.32	16.05	15.17	15.41	16.50	15.96	14.51	15.73
PBCT-2F	Y26	17.35	16.47	14.40	14.24	15.33	16.61	17.12	15.73
PBDTS-TDZ	PTIC-4Cl	16.44	15.58	15.27	16.21	14.03	16.87	15.28	15.73
PBDTS-TDZ	Y9-2Br	16.40	16.22	15.36	15.82	13.92	16.67	15.89	15.73
PB3T	LL3	18.25	15.88	16.01	15.32	14.33	14.61	22.54	15.73
TTFQx-T1	TB-4Cl	16.39	15.74	14.62	14.91	15.56	17.16	14.70	15.73
PTO2	Y26	17.28	14.83	14.40	14.01	18.19	15.68	15.81	15.73
J101	BTP-ClBr	15.87	14.11	16.57	16.92	14.86	16.05	14.34	15.73
J61	BTIC-2Br-m,TPT10	15.79	15.86	15.59	15.15	16.53	15.46	13.79	15.73
PDBT-2F	PTIC-4Cl	16.25	14.66	14.47	16.58	16.78	15.61	14.31	15.73
SZ5	BTSe-4F	15.99	15.73	14.57	14.71	17.09	16.25	16.01	15.73
2T-TTC-BDTFT	BTIC-2Br-m,TPT10	16.17	15.42	14.95	14.81	16.84	16.16	15.62	15.73
P5T-2F	Y19	15.85	17.10	15.34	16.35	13.50	16.21	15.87	15.73
BO2FC8	AQx	16.11	15.76	14.73	14.92	16.62	16.21	13.59	15.72
PBT1-EH	BT-BO-L4F,BTP-S7	17.35	16.24	14.02	14.73	15.60	16.40	12.08	15.72
TTFQx-T1	PT2IC-4Cl	16.09	15.05	15.03	15.37	15.72	17.08	14.41	15.72
PBDB-T-2Cl	Y6-Se	16.33	16.04	14.56	15.35	15.77	16.28	15.87	15.72
PBDTSF-TZNT	Y9-2Br	15.74	14.93	14.89	15.88	16.60	16.27	15.07	15.72
PBBSe-Cl	BTIC-BO-4Br	16.17	16.08	14.57	16.86	15.37	15.26	15.79	15.72
P-4FP,P-FP	BTIC-BO-4Br	16.33	15.47	14.62	16.61	16.14	15.14	15.08	15.72
TPD-3F	MS-4Cl	16.59	14.00	15.25	15.07	16.76	16.63	14.84	15.72
2T-TTC-BDTFT	MS-4Cl	16.25	14.05	14.91	15.28	16.84	16.98	15.09	15.72
PTzBI-oF	LL3	17.79	13.29	15.63	15.96	16.32	15.32	21.53	15.72
PBCT-2F	BTDTP-4F	17.35	16.16	14.69	15.03	14.55	16.52	16.90	15.72
W1	Y6-1O	16.70	16.13	14.28	14.83	16.75	15.59	14.17	15.72
PBDT-S-2TC	A-WSSe-Cl	17.61	15.94	15.05	14.40	14.95	16.33	13.09	15.71
PBDB-T-SF	TPQx-6F	16.47	16.19	14.19	15.27	16.53	15.61	14.28	15.71
PBDTS-Se-TAZ	BTP-ClBr1	15.95	16.13	14.72	16.63	15.66	15.19	12.67	15.71
J11	BTIC-BO-4Br	15.61	15.88	15.08	16.87	15.90	14.93	15.32	15.71
PBDB-T-2Cl	BTIC-2Cl-yCF3	15.95	16.18	14.69	15.00	16.35	16.08	15.45	15.71
PBZ-ClSi	Y19	16.51	14.35	16.10	16.22	15.63	15.44	14.42	15.71

PBDT-S-2TC	BTP-ClBr2	17.80	15.80	15.02	14.47	15.08	16.09	12.80	15.71
J52-2F,J52-F,PFBZ	CH1007	14.62	16.20	14.79	16.07	16.37	16.21	15.52	15.71
W1	Y9-2Br	15.88	15.17	15.06	15.24	16.65	16.25	15.31	15.71
2T-TTC-BDTFT	BTP-2F-ThCl	16.60	15.67	14.75	14.19	17.01	16.03	14.71	15.71
PBQ-4F	Y19	16.41	15.46	14.68	14.54	16.00	17.15	14.81	15.71
PBBSe-Cl	BTP-S2	16.25	15.83	15.14	16.78	15.35	14.89	15.75	15.71
PBB-F	CH1007	16.04	17.70	12.32	15.07	16.39	16.71	18.34	15.70
PFOPB	BP5T-4F	16.93	15.90	14.15	15.66	16.72	14.86	15.33	15.70
PBTA-PSF	BTIC-BO-4Br	16.07	16.15	13.94	17.15	16.11	14.79	14.02	15.70
PBT-Cl	A-WSSe-Cl	15.79	15.73	15.55	16.38	14.12	16.65	15.62	15.70
PBT1-EH	Y6-2Se	16.53	16.82	13.85	15.51	15.21	16.29	13.40	15.70
BO2FC8	MS-4Cl	16.09	13.88	15.33	15.58	16.52	16.81	14.94	15.70
PBCIT,PCE10-2Cl	A-WSSe-Cl	16.82	15.04	14.58	16.14	16.39	15.23	15.98	15.70
PCl(4)BDB-T	BTP-ClBr2	15.94	16.12	15.44	16.13	14.31	16.26	15.83	15.70
PBQx-TF	BTDTP-4F	16.77	17.34	12.26	16.21	17.57	14.04	16.61	15.70
PDBT-2F	Y6-Se	16.83	14.52	13.92	16.07	17.13	15.74	15.08	15.70
2T-TTC-BDTFT	Y9-2Br	16.21	15.28	15.07	14.75	16.68	16.19	15.45	15.70
PCl(4)BDB-T	BTP-S2	16.13	16.03	15.71	16.27	13.75	16.29	15.83	15.70
PBDB-TSCl	Y9-2Br	16.46	14.97	15.12	15.74	16.59	15.30	15.46	15.70
PBDTS-Se-TAZ	Y9-2Br	15.72	15.82	14.92	15.70	16.34	15.67	13.42	15.69
J52-2F,J52-F,PFBZ	PT2IC-4Cl	15.67	14.62	15.32	16.08	16.21	16.26	14.69	15.69
PBDTSF-TZNT	PT2IC-4Cl	15.65	14.03	14.87	16.67	16.40	16.52	14.15	15.69
J62	MS-4Cl	16.12	13.98	15.24	15.81	16.95	16.04	12.96	15.69
P-4FP,P-FP	BTP-S2	16.49	14.94	15.14	16.54	16.22	14.81	15.08	15.69
SZ5	Y9-2Br	16.35	15.05	15.15	15.32	16.46	15.81	15.86	15.69
PTQ11	BTP-ClBr	17.07	15.71	15.33	15.78	16.25	13.99	13.52	15.69
PBTA-PSF	BTP-S2	16.08	15.60	14.68	16.97	16.28	14.52	14.05	15.69
PBFTT	PT2IC-4Cl	16.56	14.64	14.94	15.88	16.37	15.74	15.14	15.69
PBBSe-Cl	BO-4Cl	15.81	16.04	14.96	16.35	15.59	15.37	15.65	15.69
J101	BTP-ClBr2	15.89	13.95	16.41	16.86	15.01	15.97	14.09	15.68
D18	BTTPC-Br	15.31	14.91	15.32	16.05	16.21	16.30	16.30	15.68
BSCl-C2	A-WSSe-Cl	17.48	14.94	15.08	15.17	15.85	15.57	13.96	15.68
PBDB-T-2Cl	BTIC-2Br-m,TPT10	15.99	15.29	15.31	15.46	16.28	15.75	15.67	15.68
PTO2	Y9-2Br	16.36	14.84	15.02	15.03	16.54	16.28	16.25	15.68
J61	SY3	15.80	15.88	15.58	15.16	16.30	15.36	13.36	15.68
TTFQx-T1	CH1007	16.20	15.32	14.71	15.07	15.57	17.19	14.87	15.68
PBDB-T-2Cl	Y6-2Se	15.14	16.51	14.75	15.56	16.27	15.85	15.39	15.68
2T-TTC-BDTFT	BT-BO-L4F,BTP-S7	16.52	15.62	13.81	14.27	17.15	16.69	14.45	15.68
BO2FC8	L8-BO	15.96	16.11	14.87	14.47	16.43	16.22	14.14	15.68
PBT-Cl	BTP-ClBr2	15.75	15.64	15.45	16.40	14.40	16.42	15.28	15.68
PBDTSF-TZNT	SY3	15.43	14.54	14.76	16.17	16.69	16.46	14.56	15.68
PBDB-TSCl	BTDTP-4F	16.76	14.74	14.75	15.53	17.08	15.20	14.95	15.68
J91	LL3	17.09	14.37	15.21	16.06	16.43	14.89	24.20	15.68

J61	TB-4Cl	16.30	16.33	15.27	15.16	15.91	15.09	12.97	15.68
PBT-Cl	BTP-ClBr	15.66	15.79	15.66	16.46	14.29	16.20	15.45	15.68
PFBDB-T	BTIC-2Br-m,TPT10	15.85	15.54	15.21	15.04	16.45	15.96	15.63	15.68
J52-2Cl	LL3-2Cl	16.12	15.26	15.05	15.70	16.23	15.71	14.73	15.68
PFBDB-T	Y6-2Se	15.23	16.67	14.26	15.09	16.61	16.18	15.35	15.68
PBTA-PSF	Y9-2Br	15.52	15.58	14.88	15.75	16.81	15.50	14.34	15.67
PBB-F	BTP-FCl-FCl	16.12	17.10	13.52	14.62	16.66	16.02	17.11	15.67
J62	BTIC-2Cl-yCF3	15.61	16.73	14.66	14.83	16.17	16.04	11.92	15.67
PTQ11	A-WSSe-Cl	16.98	15.72	15.20	15.57	16.20	14.36	12.76	15.67
D18	BTN-4F	15.97	16.12	14.11	14.57	18.44	14.82	16.32	15.67
PBFTT	BP5T-4F	17.06	16.39	14.12	15.18	16.09	15.20	14.89	15.67
PBT-SF	BTN-4F	15.56	15.75	14.59	14.37	17.91	15.84	13.73	15.67
PBT1-EH	Y11	17.75	16.28	14.15	14.81	14.65	16.37	12.78	15.67
PBDTS-Se-TAZ	LL3-2Cl	16.27	15.95	14.71	16.30	15.58	15.21	12.49	15.67
J52-2Cl	BO-4Cl	15.65	15.00	15.12	16.19	16.38	15.66	14.85	15.67
2T-TTC-BDTFT	Y6-BO	16.43	15.31	13.96	14.11	17.37	16.83	14.45	15.67
2T-TTC-BDTFT	Y12	16.43	15.31	13.96	14.11	17.37	16.83	14.45	15.67
PDTB-EF-T	BTP-2Cl-delta,H2	15.77	14.93	14.91	15.34	16.88	16.16	15.17	15.67
HFQx-T	BO-4Cl	16.28	15.16	14.58	15.47	15.77	16.73	14.17	15.66
PDTB-EF-T	eC9-2Cl	15.90	14.74	14.85	15.48	16.88	16.13	15.27	15.66
PBBSe-Cl	LL3-2Cl	16.04	16.16	14.86	15.92	15.57	15.44	15.45	15.66
TTFQx-T1	SY3	15.99	15.46	14.79	14.92	16.04	16.77	14.76	15.66
BSCl-C2	BTP-S2	17.95	14.06	15.48	15.37	15.67	15.43	13.65	15.66
PFOPB	ABP4T-4F	16.88	15.82	14.16	15.43	16.75	14.93	15.27	15.66
BO2FC8	Y18	16.47	15.73	14.79	14.33	16.46	16.17	14.24	15.66
P_chen,P105	LL4	16.70	15.28	15.37	16.31	15.91	14.37	22.51	15.66
PBDTS-TDZ	MS-4Cl	16.35	14.90	15.25	16.17	14.26	17.01	15.57	15.66
PTO2	BTDTP-4F	17.08	14.60	14.72	14.72	17.35	15.46	15.64	15.66
PDBT-Cl	BTN-4F	16.52	15.40	14.87	14.35	17.11	15.69	15.20	15.66
PFBDB-T	BTIC-2Cl-yCF3	16.06	16.34	14.35	14.55	16.19	16.44	15.40	15.66
BSFTR	S-WSeSe-Cl	17.68	16.02	14.79	14.16	15.55	15.73	14.01	15.66
PDBT-2F	SY3	15.84	15.19	14.24	16.24	17.13	15.29	14.57	15.65
PBTA-PSF	BO-4Cl	15.65	15.74	14.89	16.40	16.37	14.87	13.53	15.65
J101	A-WSSe-Cl	16.04	13.75	16.48	16.86	14.62	16.17	14.47	15.65
PBTA-PSF	Y19	15.96	15.97	14.49	16.46	16.18	14.85	13.60	15.65
L810	LL3-2Cl	16.10	15.26	15.04	15.65	16.19	15.68	14.72	15.65
J52-2F,J52-F,PFBZ	SY3	15.42	15.19	15.08	15.59	16.52	16.10	14.99	15.65
BO2FC8	AQx-2	16.50	15.57	14.80	14.40	16.39	16.24	14.08	15.65
SZ5	Y26	16.75	15.36	14.50	14.18	17.31	15.79	15.82	15.65
PCl(4)BDB-T	BTP-ClBr	15.91	15.90	15.66	16.20	14.22	16.02	15.80	15.65
PBBSe-Cl	BTP-eC9	15.68	16.07	14.89	16.34	15.63	15.28	15.58	15.65
PBBSe-Cl	BTP-4Cl,eC9	15.68	16.07	14.89	16.34	15.63	15.28	15.58	15.65
PBDB-T2F,PM6,PBDB-TF	eC9-2Cl	16.17	14.43	15.30	15.38	16.68	15.93	15.18	15.65
SM1-F	A-WSSe-Cl	16.75	15.89	14.75	14.27	15.77	16.47	16.10	15.65

PBT1-EH	Y6-Se	17.58	16.20	13.70	15.18	14.70	16.54	14.72	15.65
PBDTSF-TZNT	MS-4Cl	16.22	12.89	14.93	16.59	16.76	16.49	14.45	15.65
J52-Cl	BO-4Cl	15.59	14.89	14.98	16.16	16.34	15.94	14.65	15.65
TPD-3F	BTP-6F	16.64	17.19	13.27	13.73	17.56	15.50	13.64	15.65
J52-Cl	LL3-2Cl	16.07	15.15	14.92	15.64	16.14	15.97	14.54	15.65
PBT-Cl	BTIC-BO-4Br	15.92	15.67	15.32	16.65	14.14	16.19	15.30	15.65
QX2	S-WSeSe-Cl	15.72	15.31	14.70	16.52	15.43	16.20	14.18	15.65
PBZ-ClSi	SY3	15.45	14.14	16.25	16.16	16.13	15.73	14.41	15.65
PFOPB	AQx	17.00	15.91	13.92	15.60	16.32	15.11	14.60	15.64
PCl(4)BDB-T	BTP-ClBr1	15.86	16.11	15.30	16.21	14.12	16.27	15.83	15.64
BO2FC8	Y12	16.06	15.56	14.86	14.57	16.71	16.11	14.26	15.64
PBDB-T-2Cl	BPS-4F	15.35	16.37	14.50	15.71	16.30	15.64	16.11	15.64
BO2FC8	Y6-BO	16.06	15.56	14.86	14.57	16.71	16.11	14.26	15.64
J11	LL3-2Cl	16.18	15.88	15.10	15.77	15.78	15.15	14.95	15.64
PTQ11	BTP-ClBr2	17.03	15.61	15.11	15.64	16.33	14.14	12.47	15.64
PBN-S	BTTPC-Br	15.36	14.51	15.16	16.37	15.95	16.52	15.36	15.64
PBQx-TF	BTIC-F-m	16.76	18.04	12.29	15.43	16.37	14.96	16.58	15.64
L810	BO-4Cl	15.62	15.00	15.12	16.13	16.35	15.63	14.84	15.64
TTFQx-T1	HDO-4Cl	16.20	15.09	14.50	15.03	15.68	17.35	14.85	15.64
P5T-2F	PT2IC-4Cl	15.48	15.91	15.59	16.81	14.03	16.03	15.46	15.64
PBB-F	SY1	16.45	16.96	13.22	14.25	16.61	16.34	16.77	15.64
PBDB-T-2Cl	Y9-2Br	16.20	15.08	15.36	15.37	16.00	15.83	15.50	15.64
PBDT-S-2TC	BTP-ClBr1	17.64	15.71	14.86	14.63	14.96	16.03	12.82	15.64
J61	PT2IC-4Cl	15.93	15.42	15.72	15.56	16.25	14.95	12.99	15.64
PBDTSF-TZNT	TB-4Cl	15.72	14.51	14.44	16.27	16.34	16.55	14.43	15.64
PDBT-Cl	Y9-2Br	16.23	14.95	15.07	15.45	16.57	15.55	15.57	15.64
PBDTS-TDZ	HDO-4Cl	16.13	15.79	15.13	15.91	13.87	16.98	15.87	15.64
PFBDB-T	Y9-2Br	15.96	15.28	15.28	14.95	16.34	16.00	15.44	15.63
PFOPB	L8-BO	16.91	16.04	14.08	15.11	16.53	15.13	15.29	15.63
PBDB-T-2Cl	BT-BO-L4F,BTP-S7	15.69	15.67	14.91	15.03	16.55	15.95	15.30	15.63
J61	BTP-S9	15.99	16.74	15.26	14.98	16.21	14.62	12.13	15.63
2T-TTC-BDTFT	Y18	16.76	15.43	13.55	13.97	17.09	16.98	14.36	15.63
PBT1-EH	BPS-4F	16.72	16.65	13.63	15.25	15.41	16.11	13.24	15.63
PBDT-3TCO	TB-4Cl	16.47	16.07	14.34	14.12	17.19	15.58	16.45	15.63
PTO2	MS-4Cl	16.35	13.07	14.84	15.76	17.11	16.65	16.00	15.63
J11	BO-4Cl	15.51	15.67	15.16	16.45	15.92	15.07	15.07	15.63
2T-TTC-BDTFT	L8-BO	16.34	15.81	13.67	14.07	16.96	16.91	14.31	15.63
BO2FC8	BP5T-4F	15.94	15.47	14.93	14.80	16.55	16.05	14.12	15.63
BSCl-C2	BTP-ClBr2	17.64	14.79	15.00	15.18	15.85	15.30	13.60	15.62
PBDTSF-TZNT	PTIC-4Cl	15.75	13.88	14.79	16.53	16.34	16.44	14.08	15.62
W1	Y26	16.70	16.12	14.29	14.22	16.87	15.55	13.88	15.62
BO2FC8	Y22	16.50	15.74	14.80	14.08	16.50	16.11	14.08	15.62
D18	Y6-O	16.25	16.11	13.10	14.25	18.53	15.49	17.44	15.62
PBDT-S-2TC	BTIC-BO-4Br	17.97	15.58	14.47	15.00	14.86	15.84	13.11	15.62
HFQx-T	LL3-2Cl	16.41	15.33	14.50	15.08	15.63	16.76	14.04	15.62

PBDB-T-2Cl	Y11	16.23	15.90	14.83	14.92	15.64	16.19	15.45	15.62
2T-TTC-BDTFT	BP5T-4F	16.36	15.21	13.74	14.34	17.03	17.03	14.30	15.62
PBDB-TSCl	AQx-2	16.45	14.95	14.57	15.33	16.73	15.68	14.87	15.62
J52-2F,J52-F,PFBZ	HDO-4Cl	15.64	14.85	14.79	15.75	16.22	16.45	15.18	15.62
PBDS-TZ	LL3	18.75	13.16	15.02	15.60	15.07	16.09	25.54	15.62
SM1-F	BTP-ClBr	16.84	15.72	14.93	14.27	15.90	16.03	15.88	15.62
PTO2	AQx-2	16.60	15.11	14.58	14.50	16.73	16.17	15.55	15.62
PBDTS-Se-TAZ	BTIC-BO-4Br	16.13	16.18	13.93	16.92	15.51	15.02	12.93	15.62
PFOPB	Y18	17.31	15.83	13.96	14.92	16.61	15.06	15.23	15.62
PBT-Cl	BTP-ClBr1	15.70	15.65	15.34	16.47	14.14	16.40	15.23	15.62
PBDTSF-TZNT	BTIC-2Br-m,TPT10	15.36	14.96	14.60	15.91	16.74	16.11	14.95	15.61
PBFTT	Y6-2Se	16.00	16.22	14.96	15.36	15.88	15.26	15.06	15.61
P5T-2F	Y9-2Br	15.79	16.23	15.52	15.88	14.22	16.05	15.59	15.61
PFOPB	N3	16.96	15.61	14.11	15.25	16.89	14.86	15.23	15.61
PCl(4)BDB-T	BO-4Cl	15.71	16.14	15.26	15.87	14.16	16.54	15.72	15.61
W1	AQx-2	16.23	16.13	14.45	14.75	16.12	16.00	13.92	15.61
PE4	BTIC-2Cl-yCF3	15.31	15.88	14.70	15.16	16.82	15.80	14.95	15.61
2T-TTC-BDTFT	BPS-4F	16.03	16.20	13.43	14.73	17.10	16.18	15.44	15.61
TTFQx-T1	PTIC-4Cl	16.19	14.88	14.91	15.21	15.56	16.91	14.31	15.61
PBDB-TSCl	Y26	17.02	14.92	14.40	14.71	17.43	15.17	14.95	15.61
TTFQx-T1	BTP-FCl-FCl	16.38	15.04	14.88	14.55	15.70	17.10	14.15	15.61
PBDTT1Cl	LL3	17.25	15.49	15.51	15.76	14.90	14.75	24.06	15.61
PTQ11	BTIC-BO-4Br	17.19	15.77	14.76	16.03	16.11	13.79	12.78	15.61
SM1-F	BTP-ClBr2	16.83	15.67	14.72	14.25	15.95	16.23	15.84	15.61
PE4	Y6-Se	15.73	15.26	14.68	15.55	16.44	15.98	15.97	15.61
J101	Y9-2Br	16.18	14.44	16.43	15.42	15.03	16.14	14.24	15.61
PFBDB-T	BTP-2F-ThCl	16.01	15.74	15.23	14.46	16.44	15.75	15.07	15.61
TPD-3F	Y26	17.27	16.74	13.14	13.32	17.48	15.68	13.60	15.61
PBDB-T-SF	BDTP-4F	16.00	15.11	14.91	15.29	17.36	14.96	15.01	15.60
PBT-Cl	BTP-S2	15.77	15.00	16.24	16.56	13.81	16.26	15.33	15.60
PDBT-F	eC9-2Cl	16.20	14.54	14.98	15.50	16.78	15.62	15.20	15.60
P2F-EHp	LL3	18.21	12.29	15.66	16.31	16.45	14.70	23.86	15.60
BSCl-C2	BTIC-BO-4Br	17.89	14.65	14.79	15.45	15.68	15.15	13.62	15.60
H13	LL4	16.31	15.28	15.46	15.70	15.35	15.50	24.24	15.60
J52-2Cl	BTP-eC9	15.49	15.03	15.07	16.16	16.27	15.59	14.77	15.60
J52-2Cl	BTP-4Cl,eC9	15.49	15.03	15.07	16.16	16.27	15.59	14.77	15.60
PBBSe-Cl	Y19	15.94	16.17	14.75	15.82	15.58	15.34	15.39	15.60
P-4FP,P-FP	BO-4Cl	15.99	15.06	15.04	16.13	16.09	15.28	14.88	15.60
PDBT-F	BTP-2Cl-delta,H2	16.10	14.80	15.03	15.31	16.70	15.65	15.09	15.60
W1	BTDTP-4F	16.66	15.82	14.59	14.98	16.32	15.22	13.71	15.60
PTQ11	BTP-ClBr1	16.92	15.74	14.97	15.77	16.21	13.97	12.50	15.60
PBDB-T-2Cl	MS-4Cl	16.02	14.02	15.18	15.96	16.04	16.34	15.30	15.59
P5T-2F	SY3	15.23	16.40	15.44	16.31	14.00	16.18	15.68	15.59
TPD-3F	Y6-1O	16.73	17.09	13.15	13.63	17.32	15.62	13.77	15.59

PBDB-T-2Cl	BTP-2F-ThCl	15.88	15.83	15.48	14.89	16.09	15.38	15.10	15.59
PBFTT	PTIC-4Cl	16.74	14.45	14.82	15.71	16.21	15.61	15.01	15.59
TPD-3F	BTSe-4F	16.51	17.36	12.77	13.69	16.98	16.22	13.71	15.59
2T-TTC-BDTFT	AQx	16.40	15.37	13.51	14.45	16.84	16.96	13.71	15.59
J52-2Cl	Y19	15.95	15.29	14.97	15.59	16.11	15.62	14.67	15.59
PBTA-PSF	BTP-eC9	15.49	15.77	14.72	16.42	16.34	14.78	13.41	15.59
PBTA-PSF	BTP-4Cl,eC9	15.49	15.77	14.72	16.42	16.34	14.78	13.41	15.59
J101	BTP-ClBr1	16.03	13.75	16.27	16.93	14.74	15.79	14.05	15.59
BSCl-C2	BTP-ClBr	17.67	14.83	15.22	15.26	15.76	14.77	13.84	15.59
PCl(4)BDB-T	BTIC-BO-4Br	16.08	15.90	15.10	16.39	13.96	16.08	15.87	15.59
BSCl-C2	BTP-ClBr1	17.53	14.75	14.86	15.27	15.77	15.33	13.56	15.58
HFQx-T	BTP-4Cl,eC9	16.19	15.17	14.53	15.45	15.48	16.68	14.10	15.58
HFQx-T	BTP-eC9	16.19	15.17	14.53	15.45	15.48	16.68	14.10	15.58
PBCIT,PCE10-2Cl	BTP-ClBr2	16.88	14.63	14.45	16.09	16.45	15.00	15.67	15.58
J52-2F,J52-F,PFBZ	PTIC-4Cl	15.74	14.40	15.20	15.92	16.06	16.18	14.59	15.58
J52-2F,J52-F,PFBZ	SY1	15.29	15.81	15.07	14.93	16.53	15.86	14.49	15.58
J52-Cl	BTP-eC9	15.42	14.92	14.94	16.12	16.21	15.87	14.58	15.58
J52-Cl	BTP-4Cl,eC9	15.42	14.92	14.94	16.12	16.21	15.87	14.58	15.58
J61	PTIC-4Cl	16.08	15.20	15.62	15.42	16.16	15.01	12.90	15.58
PFOPB	eC9-2Cl	16.29	14.34	15.16	15.42	16.60	15.66	15.15	15.58
PBFTT	SY3	16.25	15.13	14.67	15.37	16.49	15.55	15.36	15.58
PBDTS-Se-TAZ	Y19	16.10	15.97	14.54	16.27	15.48	15.10	12.37	15.58
P5T-2F	PTIC-4Cl	15.56	15.72	15.52	16.63	14.04	15.99	15.34	15.58
PBT1-EH	BTP-2F-ThCl	17.04	16.14	15.01	14.74	15.08	15.46	12.95	15.58
PCl(4)BDB-T	BTP-eC9	15.58	16.17	15.19	15.84	14.19	16.49	15.66	15.58
PCl(4)BDB-T	BTP-4Cl,eC9	15.58	16.17	15.19	15.84	14.19	16.49	15.66	15.58
H14	LL4	16.33	15.49	15.35	15.65	15.41	15.22	23.55	15.58
PBDB-T-SF	eC9-2Cl	15.84	14.63	14.99	15.73	16.93	15.32	15.29	15.57
PTBB-m	S-WSeSe-Cl	15.75	17.28	14.75	15.69	13.37	16.61	13.68	15.57
PBT1-EH	AQx	17.27	16.23	13.69	15.04	15.05	16.16	12.16	15.57
2T-TTC-BDTFT	Y22	16.77	15.43	13.61	13.72	17.22	16.70	14.20	15.57
PBQx-TF	BTIC-CF3-y	16.25	18.99	11.49	15.16	16.28	15.28	16.81	15.57
L810	BTP-eC9	15.45	15.03	15.06	16.10	16.23	15.56	14.76	15.57
L810	BTP-4Cl,eC9	15.45	15.03	15.06	16.10	16.23	15.56	14.76	15.57
PBDT-3TCO	CH1007	16.16	16.58	13.15	13.88	17.89	15.77	17.47	15.57
P-FT	BTP-S9	15.45	15.45	15.14	15.15	16.16	16.08	14.22	15.57
PDBT-Cl	TPQx-6F	16.76	16.04	13.92	14.89	16.28	15.54	14.43	15.57
PFBDB-T	BPS-4F	15.39	16.66	14.03	15.14	16.26	15.94	16.09	15.57
PFOPB	BTPTT-4F,Y6	16.81	15.82	14.02	15.13	16.77	14.88	15.22	15.57
PCl(4)BDB-T	LL3-2Cl	15.92	16.24	15.17	15.44	14.11	16.54	15.52	15.57
PE4	SY1	15.41	15.73	15.01	14.98	16.66	15.62	14.86	15.57
PFOPB	BTP-2Cl-delta,H2	16.18	14.60	15.21	15.22	16.53	15.67	15.00	15.57
PTQ11	BTP-S2	17.37	15.17	15.27	15.83	16.12	13.64	12.85	15.57

BO2FC8	ABP4T-4F	15.88	15.49	14.91	14.54	16.56	16.01	14.02	15.57
PFBDB-T	BT-BO-L4F,BTP-S7	15.82	15.74	14.42	14.60	16.44	16.38	15.27	15.57
PFBDB-T	MS-4Cl	15.89	13.72	15.11	15.51	16.48	16.69	15.25	15.57
PBQ-4F	BTP-S9	16.16	15.37	14.51	14.36	15.94	17.05	14.41	15.57
SM1-F	BTP-ClBr1	16.68	15.74	14.53	14.29	15.93	16.22	15.79	15.57
J52-Cl	Y19	15.90	15.17	14.87	15.53	16.01	15.91	14.48	15.57
L810	Y19	15.94	15.29	14.96	15.54	16.06	15.60	14.66	15.57
PFBDB-T	Y12	15.61	15.94	14.56	14.46	16.35	16.46	15.39	15.56
PFBDB-T	Y6-BO	15.61	15.94	14.56	14.46	16.35	16.46	15.39	15.56
PDBT-2F	BP5T-4F	16.41	14.47	13.65	16.04	17.17	15.65	13.46	15.56
PBDT-S-2TC	LL3-2Cl	17.32	15.73	14.79	14.54	14.92	16.07	12.58	15.56
PBDTS-TDZ	BTP-2F-2Cl,SY2	16.28	16.45	14.53	15.63	13.64	16.85	15.32	15.56
PBDB-T-SF	BTP-2Cl-delta,H2	15.74	14.82	15.06	15.54	16.86	15.35	15.17	15.56
PBDTS-Se-TAZ	BO-4Cl	15.69	15.78	14.93	16.15	15.66	15.16	12.24	15.56
PFOPB	Y22	17.32	15.63	14.02	14.68	16.67	15.05	15.22	15.56
PDBT-Cl	Y6-O	16.88	15.53	13.06	14.25	17.27	16.37	16.20	15.56
P-4FP,P-FP	LL3-2Cl	16.18	15.27	14.94	15.66	15.96	15.34	14.74	15.56
BSFTR	LL3	18.00	14.34	15.55	14.49	15.74	15.23	21.56	15.56
J11	BTP-eC9	15.31	15.74	15.12	16.40	15.80	14.99	15.00	15.56
J11	BTP-4Cl,eC9	15.31	15.74	15.12	16.40	15.80	14.99	15.00	15.56
PBT-SF	TPQx-6F	16.28	16.03	13.44	14.81	16.98	15.80	13.26	15.56
PDBT-2F	Y6-2Se	15.23	15.43	14.52	16.23	17.10	14.82	14.18	15.56
PBCIT,PCE10-2Cl	BTP-ClBr1	16.81	14.65	14.34	16.16	16.42	14.96	15.66	15.56
PBCT-2F	AQx-2	16.66	16.58	14.61	14.83	13.61	17.03	16.68	15.55
BO2FC8	BTSe-4F	15.49	15.85	14.64	14.18	16.69	16.48	14.19	15.55
J11	Y19	15.99	15.94	15.03	15.67	15.61	15.07	14.89	15.55
PBFTT	Y12	17.06	16.22	13.72	14.97	16.35	15.00	14.98	15.55
PBFTT	Y6-BO	17.06	16.22	13.72	14.97	16.35	15.00	14.98	15.55
PBDT-3TCO	BTP-S9	16.51	15.94	14.18	13.80	17.55	15.33	16.40	15.55
BSCl-C2	LL3	17.86	14.01	15.95	14.92	15.75	14.82	23.70	15.55
BO2FC8	N3	16.01	15.46	14.88	14.44	16.58	15.94	13.99	15.55
PBDB-T-2Cl	AQx	15.42	15.98	14.58	15.21	16.03	16.10	14.54	15.55
PBDTTAZ-NaPh	LL4	17.00	15.51	13.84	18.18	16.35	12.42	20.27	15.55
P5T-2F	BTIC-2Br-m,TPT10	15.26	16.34	15.34	16.07	14.37	15.92	15.77	15.55
PE4	MS-4Cl	15.90	13.58	14.93	15.94	16.95	16.00	15.05	15.55
PBDT-3TCO	SY3	16.23	15.56	14.73	13.95	17.07	15.77	16.28	15.55
m-PBDTPS-FTAZ	LL4	16.16	15.47	14.72	16.87	15.24	14.83	20.05	15.55
J91	BTP-S2	15.01	15.08	15.23	16.94	16.04	14.98	13.24	15.55
P2F-EHp	A-WSSe-Cl	16.26	15.59	14.85	15.59	16.08	14.92	14.13	15.55
J61	BTP-S1	16.39	16.51	15.25	15.48	15.57	14.09	13.08	15.55
PFBDB-T	BP5T-4F	15.49	16.04	14.36	14.67	16.08	16.64	15.22	15.55
PDTB-EF-T	BTTPC-Br	14.73	14.76	14.92	16.06	16.19	16.62	15.22	15.55
TTFQx-T1	MS-4Cl	15.83	13.85	14.74	15.24	16.61	17.02	14.58	15.54
PFBDB-T	AQx	15.61	16.06	14.13	14.76	16.13	16.58	14.50	15.54
2T-TTC-BDTFT	ABP4T-4F	16.28	15.22	13.75	14.07	17.12	16.82	14.21	15.54

PDBT-Cl	BDTP-4F	16.92	14.79	14.68	14.91	17.03	14.94	15.11	15.54
PBDTS-Se-TAZ	BTP-S2	16.05	15.62	14.67	16.74	15.44	14.74	13.02	15.54
PBQx-TF	Y6-O	16.33	17.43	12.28	15.24	17.83	14.15	17.53	15.54
PBFTT	ABP4T-4F	16.95	16.32	13.92	14.96	16.13	14.98	14.78	15.54
QX2	BTP-S2	15.52	14.47	15.21	16.53	15.53	15.97	13.21	15.54
PBT1-EH	eC9-2Cl	16.54	14.92	15.24	15.20	15.38	15.95	14.04	15.54
P5T-2F	MS-4Cl	15.81	14.64	15.39	16.55	14.79	16.05	15.26	15.54
PBFTT	BTP-6F	17.01	16.23	13.54	15.16	16.54	14.75	14.82	15.54
PFOPB	BTP-6F	16.53	15.60	14.21	15.53	16.81	14.55	15.31	15.54
PBT1-EH	BTP-2Cl-delta,H2	16.43	15.09	15.31	15.05	15.36	15.98	13.93	15.54
PBCT-2F	Y9-2Br	16.29	15.64	15.41	15.31	13.99	16.57	16.92	15.54
TTFQx-T1	SY1	16.26	15.48	14.81	14.17	15.93	16.55	14.26	15.54
PBCIT,PCE10-2Cl	BTP-ClBr	16.93	14.41	14.67	16.14	16.40	14.66	15.62	15.53
J91	S-WSeSe-Cl	14.69	15.51	14.69	16.93	16.03	15.35	14.30	15.53
PBDT-3TCO	BTP-S1	16.61	15.62	14.30	14.49	17.56	14.62	16.77	15.53
QX2	LL4	15.84	15.11	15.20	16.04	15.61	15.38	23.02	15.53
PBN-S	BTIC-CF3-y	16.89	15.84	14.27	14.22	16.19	15.76	15.39	15.53
TTFQx-T1	Y9-2Br	15.69	15.27	14.90	14.77	16.42	16.13	14.98	15.53
PBCIT,PCE10-2Cl	BTIC-BO-4Br	17.12	14.35	14.32	16.27	16.34	14.77	15.68	15.53
J101	BTIC-BO-4Br	16.20	13.67	15.78	17.08	14.80	15.63	14.13	15.53
TPD-3F	AQx-2	16.99	16.95	13.08	13.73	16.38	16.02	13.49	15.52
PBCIT,PCE10-2Cl	LL3	17.17	13.90	15.46	15.91	16.06	14.62	28.90	15.52
PBT-SF	Y6-O	16.25	15.66	12.46	14.23	17.97	16.54	14.60	15.52
2T-TTC-BDTFT	N3	16.37	15.20	13.70	13.93	17.15	16.75	14.18	15.52
PBDT-3TCO	PT2IC-4Cl	16.27	15.08	14.83	14.49	16.94	15.51	16.24	15.52
J52-2F,J52-F,PFBZ	BTIC-2Cl-yCF3	15.23	16.17	14.44	15.00	16.28	15.98	14.55	15.52
J61	MS-4Cl	16.23	14.15	15.54	15.52	16.70	14.96	13.39	15.52
P2F-EHp	BTP-ClBr	16.18	15.15	15.08	15.80	16.17	14.72	13.93	15.52
P-4FP,P-FP	BTP-eC9	15.85	15.12	14.97	16.11	15.83	15.21	14.79	15.51
P-4FP,P-FP	BTP-4Cl,eC9	15.85	15.12	14.97	16.11	15.83	15.21	14.79	15.51
P-FT	TB-4Cl	15.68	15.18	14.99	15.14	15.84	16.24	14.48	15.51
PBDTSF-TZNT	HDO-4Cl	15.33	13.83	14.65	16.28	16.43	16.55	14.62	15.51
PCl(4)BDB-T	Y19	15.81	16.26	15.11	15.32	14.10	16.47	15.47	15.51
J61	BTP-2F-2Cl,SY2	15.97	16.78	15.25	14.78	15.94	14.34	11.98	15.51
PDBT-F	BTTPC-Br	15.25	14.57	14.99	16.09	16.00	16.15	15.18	15.51
PBT1-C-2Cl	LL4	16.03	15.71	14.90	17.24	13.31	15.85	23.90	15.51
SM1-F	BTIC-BO-4Br	16.95	15.76	13.88	14.35	16.03	16.05	15.86	15.51
PBT1-EH	BTTPC-Br	15.65	14.83	15.24	15.89	15.14	16.27	13.68	15.50
PBQ-4F	PT2IC-4Cl	15.95	14.53	14.93	14.69	16.01	16.91	14.45	15.50
BO2FC8	BTPTT-4F,Y6	15.78	15.55	14.84	14.35	16.53	15.98	13.93	15.50
SZ5	TPQx-6F	16.43	15.63	14.10	14.68	16.46	15.72	14.73	15.50
PBT-Cl	BO-4Cl	15.52	15.36	15.29	16.17	14.00	16.67	15.14	15.50
HFQx-T	Y19	16.31	15.33	14.43	14.98	15.28	16.69	13.98	15.50

PBDT-3TCO	BTP-2F-2Cl,SY2	16.50	15.95	14.21	13.62	17.64	15.09	16.41	15.50
SZ5	BDTP-4F	16.58	14.82	14.71	14.66	17.06	15.17	15.47	15.50
SM1-S	S-WSeSe-Cl	17.10	15.53	14.43	14.14	15.33	16.48	14.02	15.50
P-FT	BTP-S1	15.85	14.85	15.28	15.47	15.93	15.63	14.67	15.50
BSCl-C2	LL4	17.26	14.52	15.78	14.89	15.84	14.71	23.17	15.50
BSFTR	A-WSSe-Cl	17.44	15.46	14.75	14.06	15.62	15.68	13.50	15.50
BO2FC8	BTP-2Cl-delta,H2	15.78	14.75	15.29	14.69	16.36	16.13	14.84	15.50
PDBT-F	BTIC-CF3-y	17.00	15.94	14.33	14.17	16.20	15.35	15.51	15.50
PTQ10,PTQ-10	S-WSeSe-Cl	16.51	16.88	14.78	13.13	15.45	16.24	14.32	15.50
PBDT-S-2TC	Y19	17.24	15.70	14.62	14.54	14.91	15.98	12.48	15.50
P_chen,P105	S-WSeSe-Cl	16.26	16.00	15.03	15.14	15.34	15.22	14.71	15.50
P5T-2F	BTP-S9	14.75	17.30	14.63	16.49	13.86	15.96	15.79	15.50
PFOPB	BTSe-4F	16.48	15.99	13.65	14.90	16.42	15.52	15.10	15.50
PFBDB-T	Y18	15.98	15.97	14.15	14.20	16.08	16.59	15.13	15.50
P2F-EHp	BTP-ClBr2	16.13	15.39	14.88	15.68	16.17	14.71	13.78	15.49
BO2FC8	BTDTP-4F	16.19	15.42	14.85	14.49	16.52	15.49	13.91	15.49
PTO2	BTN-4F	16.87	14.76	14.32	13.99	17.92	15.10	15.58	15.49
PBZ-ClSi	PT2IC-4Cl	15.70	13.55	16.35	16.52	15.57	15.27	14.05	15.49
P-FT	BTP-2F-2Cl,SY2	15.39	15.39	15.14	14.89	16.15	15.98	14.12	15.49
PBT-SF	BDTP-4F	15.43	15.60	14.21	14.86	17.70	15.15	13.68	15.49
PB3T	LL4	17.23	16.16	15.82	15.28	14.22	14.24	22.01	15.49
P-FT	PT2IC-4Cl	15.56	14.27	15.40	15.60	15.95	16.16	14.22	15.49
BO2FC8	eC9-2Cl	15.89	14.51	15.22	14.85	16.38	16.09	14.94	15.49
PBT-Cl	LL3-2Cl	15.88	15.53	15.23	15.73	13.91	16.67	14.98	15.49
J61	HDO-4Cl	15.87	15.61	15.33	15.09	16.27	14.77	13.41	15.49
P-CIT	S-WSeSe-Cl	15.67	14.33	15.56	15.44	15.95	15.99	15.46	15.49
PBN-S	BTIC-F-m	16.94	15.91	13.43	14.57	15.95	16.14	15.42	15.49
PBZ-ClSi	TB-4Cl	15.55	14.31	15.93	16.12	15.63	15.41	14.34	15.49
PBDT-3TCO	Y9-2Br	16.21	15.20	14.76	14.21	16.69	15.86	16.08	15.49
Qx-12F	BTP-S2	16.36	14.20	14.58	16.80	16.60	14.39	15.16	15.49
PBCT-2F	Y6-O	17.44	16.33	12.93	14.23	15.02	16.96	17.85	15.49
BO2FC8	Y26	16.39	15.72	14.69	13.79	16.52	15.81	13.89	15.49
2T-TTC-BDTFT	AQx-2	16.52	15.33	13.60	14.06	16.69	16.70	14.22	15.48
PBDTS-Se-TAZ	BTP-eC9	15.51	15.80	14.77	16.16	15.61	15.06	12.13	15.48
PBDTS-Se-TAZ	BTP-4Cl,eC9	15.51	15.80	14.77	16.16	15.61	15.06	12.13	15.48
PBDT-S-2TC	BO-4Cl	17.35	15.57	14.96	14.10	14.89	16.03	12.36	15.48
TPD-3F	BTP-2Cl-delta,H2	16.25	14.99	15.03	14.08	16.58	15.96	14.56	15.48
PFBDB-T	L8-BO	15.52	16.11	14.29	14.34	16.07	16.55	15.19	15.48
J62	BT-BO-L4F,BTP-S7	15.35	16.73	14.68	14.87	15.76	15.47	10.49	15.48
TTFQx-T1	BTIC-2Br-m,TPT10	15.66	15.42	14.81	14.79	16.10	16.11	15.06	15.48
PBFTT	BTIC-2Cl-yCF3	16.43	16.01	14.29	14.81	15.93	15.41	15.32	15.48
J101	BTIC-2Br-m,TPT10	15.23	14.36	16.25	15.64	15.43	15.96	14.15	15.48
D18	BTIC-CF3-y	16.09	16.32	13.98	14.26	16.36	15.86	16.58	15.48
PBDT-3TCO	BTIC-2Br-	16.07	15.45	14.69	14.04	16.90	15.71	16.38	15.48

m,TPT10								
TPD-3F	eC9-2Cl	16.36	14.74	14.96	14.22	16.63	15.94	14.68	15.48
PDBT-2F	L8-BO	16.32	15.09	13.53	15.39	17.09	15.44	13.44	15.48
PBBSe-Cl	Y9-2Br	15.85	15.45	14.92	15.41	15.80	15.42	15.21	15.47
PBFTT	L8-BO	16.92	16.31	14.00	14.57	15.89	15.14	14.79	15.47
J52-2F,J52-F,PFBZ	MS-4Cl	15.80	13.29	14.99	15.82	16.70	16.25	14.63	15.47
SM1-F	BO-4Cl	16.48	15.49	14.72	14.12	15.79	16.24	15.70	15.47
H31	LL3	18.18	14.37	14.41	15.48	16.14	14.24	23.35	15.47
P5T-2F	TB-4Cl	15.07	16.94	15.16	16.27	13.32	16.07	15.82	15.47
PBDT-S-2TC	BTP-S2	17.88	15.24	14.91	14.70	14.63	15.48	13.18	15.47
2T-TTC-BDTFT	BTDTP-4F	16.52	15.15	13.74	14.05	17.08	16.29	13.99	15.47
PBDB-T-2Cl	BP5T-4F	15.22	16.03	14.82	15.22	15.46	16.08	15.25	15.47
SZ5	eC9-2Cl	16.03	14.72	14.88	15.27	16.44	15.49	15.54	15.47
BSFTR	BTP-ClBr2	17.60	15.23	14.68	14.09	15.81	15.42	13.41	15.47
PBDT-3TCO	PTIC-4Cl	16.33	14.98	14.74	14.34	16.91	15.52	16.14	15.47
PBCIT,PCE10-2Cl	BO-4Cl	16.54	14.54	14.29	15.88	16.44	15.14	15.60	15.47
PBBSe-Cl	SY3	15.38	15.71	14.88	15.67	15.75	15.43	15.20	15.47
QX2	A-WSSe-Cl	15.38	15.14	14.40	16.36	15.43	16.10	13.20	15.47
BSCl-C2	BO-4Cl	17.25	14.45	14.85	14.95	15.91	15.41	13.48	15.47
PBCIT,PCE10-2Cl	LL4	16.50	14.30	15.40	15.92	16.21	14.49	28.48	15.47
PBZ-ClSi	MS-4Cl	16.33	12.49	16.23	16.28	16.13	15.34	14.19	15.47
J61	SY1	15.69	16.45	15.04	14.36	16.39	14.86	12.41	15.47
BO2FC8	BTTPC-Br	15.18	14.71	15.24	15.39	15.91	16.36	14.86	15.46
TPD-3F	TPQx-6F	16.94	17.29	13.16	13.75	16.15	15.50	12.92	15.46
PBT1-EH	AQx-2	16.99	16.00	13.80	14.80	15.00	16.20	12.44	15.46
P-FT	SY3	15.30	14.89	15.20	15.14	16.26	16.01	14.54	15.46
PBB-F	BTIC-2Cl-yCF3	16.21	17.09	12.47	14.27	16.27	16.47	16.99	15.46
PBQ-4F	BTP-2F-2Cl,SY2	16.09	15.25	14.51	14.05	15.85	17.03	14.29	15.46
PBQ-4F	BTP-S1	16.32	14.64	14.71	14.61	15.92	16.58	14.82	15.46
PTBTz-2	LL3	17.40	15.71	15.49	15.82	14.37	13.98	24.61	15.46
PBFTT	N3	16.96	16.00	13.91	14.74	16.26	14.89	14.76	15.46
PBQx-TF	BDTP-4F	16.59	16.74	12.19	15.86	17.60	13.78	16.44	15.46
PBFTT	BTPTT-4F,Y6	16.84	16.24	14.02	14.62	16.08	14.96	14.74	15.46
PDBT-2F	Y6-BO	16.41	14.56	13.29	15.80	17.36	15.32	13.59	15.46
PDBT-2F	Y12	16.41	14.56	13.29	15.80	17.36	15.32	13.59	15.46
P5T-2F	HDO-4Cl	14.83	16.34	15.32	16.43	13.84	15.99	15.96	15.46
SM1-F	BTP-S2	17.06	15.25	14.58	14.39	15.74	15.72	15.86	15.46
SZ5	BTP-2Cl-delta,H2	15.93	14.92	14.93	15.06	16.38	15.52	15.43	15.46
PFBDB-T	ABP4T-4F	15.44	16.00	14.37	14.40	16.08	16.44	15.17	15.46
PDBT-2F	BTIC-2Cl-yCF3	15.99	15.30	13.77	15.65	16.80	15.22	14.23	15.46
PBT-SF	eC9-2Cl	15.67	14.62	14.48	15.31	17.10	15.55	14.89	15.46
PBT-SF	BTP-2Cl-delta,H2	15.54	14.83	14.58	15.12	17.08	15.57	14.80	15.45
2T-TTC-BDTFT	BTPTT-4F,Y6	16.19	15.23	13.61	13.84	17.03	16.82	14.12	15.45
PBDT-3TCO	HDO-4Cl	16.29	15.41	14.50	13.94	17.14	15.44	16.82	15.45

PBTA-PSF	SY3	15.07	15.48	14.71	15.92	16.38	15.16	13.59	15.45
J52-2F,J52-F,PFBZ	BTIC-2Br-m,TPT10	14.95	15.15	15.10	15.30	16.52	15.69	15.22	15.45
J101	LL3-2Cl	16.71	13.35	16.18	16.21	14.44	15.83	13.81	15.45
BSFTR	BTP-ClBr	17.59	15.35	14.89	14.14	15.67	15.07	13.35	15.45
L1	LL3	17.32	16.04	15.66	16.00	14.49	13.19	25.73	15.45
PBQ-4F	TB-4Cl	16.17	15.26	14.48	14.21	15.62	16.97	14.73	15.45
J62	Y6-2Se	14.32	17.10	14.52	15.36	15.43	15.98	12.20	15.45
PbiTPD	LL3	17.54	15.37	13.91	15.35	14.86	15.67	17.96	15.45
PBBSe-Cl	PT2IC-4Cl	15.66	15.23	14.99	16.15	15.56	15.11	15.00	15.45
TPD-3F	BTDTP-4F	17.12	16.38	13.19	13.80	16.84	15.36	13.44	15.45
PBQ-4F	SY3	15.78	15.07	14.74	14.24	16.12	16.74	14.79	15.45
PTO2	TPQx-6F	17.07	15.37	14.01	14.46	16.29	15.49	14.94	15.45
BSCl-C2	BTP-eC9	17.21	14.42	14.80	14.92	15.94	15.40	13.38	15.45
BSCl-C2	BTP-4Cl,eC9	17.21	14.42	14.80	14.92	15.94	15.40	13.38	15.45
PBZ-ClSi	PTIC-4Cl	15.75	13.49	16.27	16.39	15.41	15.36	13.98	15.45
PBCT-2F	BTN-4F	17.08	16.27	14.36	14.14	14.53	16.29	16.72	15.45
J91	LL4	15.99	14.68	15.18	16.06	16.01	14.74	23.70	15.45
H11	LL3	17.22	14.78	14.63	15.53	15.63	14.87	20.88	15.44
J52-2F,J52-F,PFBZ	Y6-Se	15.54	15.54	14.22	15.41	15.88	16.07	15.63	15.44
BSFTR	LL4	17.29	14.80	15.34	14.47	15.64	15.11	21.05	15.44
PBBSe-Cl	TB-4Cl	15.51	16.12	14.56	15.68	15.57	15.22	15.32	15.44
PBQx-TF	BTCT-2Cl	16.01	15.73	14.48	16.31	16.13	14.00	15.93	15.44
PFBDB-T	AQx-2	16.01	15.64	14.21	14.29	16.12	16.38	14.68	15.44
PBDT-S-2TC	BTP-eC9	17.30	15.56	14.84	14.12	14.89	15.94	12.26	15.44
PBDT-S-2TC	BTP-4Cl,eC9	17.30	15.56	14.84	14.12	14.89	15.94	12.26	15.44
PTQ11	LL3-2Cl	16.80	15.56	14.88	15.21	16.20	14.00	12.31	15.44
PBDB-TSCl	eC9-2Cl	16.11	14.59	14.76	15.65	16.56	14.98	15.21	15.44
PBDB-T-2Cl	AQx-2	15.92	15.52	14.68	14.71	15.90	15.92	14.71	15.44
BSFTR	BTP-ClBr1	17.49	15.28	14.53	14.15	15.73	15.46	13.41	15.44
PBDT-S-2TC	Y9-2Br	16.72	15.61	14.93	14.17	15.13	16.09	13.66	15.44
BSCl-C2	LL3-2Cl	17.23	14.58	14.77	14.69	15.89	15.48	13.38	15.44
PBDTS-TDZ	SY1	16.16	16.35	14.06	15.00	14.30	16.76	15.24	15.44
P-4FP,P-FP	Y19	16.07	15.33	14.81	15.55	15.62	15.26	14.68	15.44
PFOPB	BTTPC-Br	15.51	14.36	15.16	15.93	15.82	15.86	15.06	15.44
PBFTT	BPS-4F	15.78	15.90	14.73	15.84	15.45	14.94	16.00	15.44
2T-TTC-BDTFT	eC9-2Cl	15.97	14.67	14.86	14.54	16.61	15.96	15.05	15.44
PBDTS-Se-TAZ	BTIC-2Br-m,TPT10	15.05	15.91	14.61	15.63	15.97	15.44	13.13	15.44
PBT1-EH	Y6-BO	17.20	16.15	14.16	14.55	14.44	16.10	12.18	15.43
PBT1-EH	Y12	17.20	16.15	14.16	14.55	14.44	16.10	12.18	15.43
PCl(4)BDB-T	PT2IC-4Cl	15.53	15.39	15.33	15.65	14.39	16.31	15.07	15.43
PBDB-T-2Cl	Y12	15.28	15.84	14.89	15.02	15.61	15.98	15.42	15.43
PBDB-T-2Cl	Y6-BO	15.28	15.84	14.89	15.02	15.61	15.98	15.42	15.43
PFOPB	AQx-2	16.93	15.55	14.02	14.95	16.01	15.16	14.75	15.43
PBDTSF-TZNT	BTP-S9	15.37	14.19	13.88	16.08	16.63	16.45	14.05	15.43
PBT-Cl	BTP-4Cl,eC9	15.35	15.32	15.25	16.14	13.94	16.60	15.07	15.43
PBT-Cl	BTP-eC9	15.35	15.32	15.25	16.14	13.94	16.60	15.07	15.43

PBCIT,PCE10-2Cl	BTP-eC9	16.47	14.58	14.25	15.83	16.36	15.11	15.52	15.43
PBCIT,PCE10-2Cl	BTP-4Cl,eC9	16.47	14.58	14.25	15.83	16.36	15.11	15.52	15.43
PBBSe-Cl	BTIC-2Br-m,TPT10	15.47	15.63	14.84	15.49	15.90	15.26	15.32	15.43
2T-TTC-BDTFT	Y26	16.60	15.26	13.65	13.42	17.34	16.31	14.01	15.43
PTzBI-oF	LL4	16.35	14.03	15.35	15.93	15.78	15.15	21.04	15.43
PBQx-TF	TPQ-Cl	15.98	18.38	11.87	16.11	14.76	15.48	15.98	15.43
PBDB-TSCl	BTP-2Cl-delta,H2	16.01	14.77	14.82	15.47	16.49	15.01	15.09	15.43
PBTA-PSF	BTIC-2Br-m,TPT10	14.90	15.65	14.58	15.77	16.40	15.25	14.06	15.43
BSFTR	BTIC-BO-4Br	17.83	15.32	14.13	14.29	15.70	15.30	13.44	15.43
2T-TTC-BDTFT	BTP-2Cl-delta,H2	15.87	14.89	14.85	14.40	16.57	15.99	14.97	15.43
PBB-F	eC9-2Cl	16.02	15.53	14.34	14.69	15.90	16.08	16.29	15.43
PBQ-4F	Y9-2Br	15.67	15.01	14.87	13.96	16.63	16.42	15.05	15.43
PBB-F	BTTPC-Br	15.31	15.56	14.27	15.36	15.60	16.46	16.23	15.43
TPD-3F	BTTPC-Br	15.60	15.01	15.06	14.84	15.86	16.18	14.40	15.43
PDBT-2F	ABP4T-4F	16.34	14.46	13.46	15.81	17.15	15.34	13.38	15.43
J62	Y6-Se	16.01	16.58	14.34	15.16	14.76	15.70	14.04	15.42
PBDTS-TDZ	BTP-S1	16.26	16.07	14.53	16.46	12.88	16.33	15.77	15.42
PBDB-TSCl	BTN-4F	16.39	14.60	14.85	14.66	17.02	15.01	14.69	15.42
PBN-S	BTCT-2Cl	15.88	14.84	15.61	15.41	15.34	15.46	14.77	15.42
SM1-F	LL3-2Cl	16.52	15.64	14.48	13.83	15.78	16.28	15.52	15.42
BSFTR	BTP-S2	17.88	14.77	14.64	14.21	15.47	15.57	13.34	15.42
PBB-F	BTP-2Cl-delta,H2	15.92	15.72	14.34	14.58	15.88	16.10	16.17	15.42
PBTA-PSF	MS-4Cl	16.02	13.63	15.00	16.34	16.87	14.68	13.64	15.42
PBT-SF	BTTPC-Br	14.48	14.80	14.70	15.90	16.45	16.18	14.87	15.42
PBQ-4F	MS-4Cl	15.86	13.44	14.73	14.61	16.92	16.96	14.58	15.42
PBT1-EH	Y18	17.56	16.20	13.74	14.72	14.17	16.12	12.24	15.42
PBT-Cl	Y19	15.77	15.49	15.18	15.62	13.84	16.61	14.92	15.42
PBB-F	Y6-2Se	15.30	17.60	11.97	14.81	16.32	16.49	16.85	15.42
PBT1-EH	L8-BO	17.12	16.44	13.87	14.73	14.17	16.16	11.97	15.42
D18	BTIC-F-m	16.64	16.37	13.23	14.32	16.07	15.85	16.38	15.41
PE4	BTIC-2Br-m,TPT10	14.98	15.11	15.17	15.34	16.39	15.50	15.41	15.41
PFOPB	Y6-1O	16.60	15.53	14.09	14.90	16.65	14.71	15.33	15.41
PDBT-Cl	eC9-2Cl	16.04	14.57	14.74	15.41	16.46	15.25	15.20	15.41
PE4	BP5T-4F	14.79	15.22	14.67	15.50	16.55	15.73	14.39	15.41
PBFTT	Y18	16.64	16.25	14.05	14.33	16.05	15.15	14.59	15.41
PBBSe-Cl	PTIC-4Cl	15.77	15.15	14.89	15.99	15.53	15.14	14.89	15.41
P2F-EHp	BTP-ClBr1	16.12	15.26	14.68	15.81	16.19	14.40	13.75	15.41
PBDB-T-SF	BTTPC-Br	14.66	14.33	15.06	16.35	16.14	15.93	15.22	15.41
PBDTS-Se-TAZ	SY3	15.17	15.55	14.71	15.76	15.91	15.36	12.42	15.41
PFBDB-T	Y22	16.04	15.74	14.22	13.93	16.18	16.34	15.07	15.41
PBDB-T-2Cl	eC9-2Cl	15.67	14.70	15.15	15.20	16.06	15.67	15.11	15.41
PDBT-2F	BPS-4F	15.19	15.33	14.23	16.62	16.75	14.32	14.66	15.41
D18	BTCT-2Cl	15.92	15.18	15.65	15.29	15.65	14.74	15.79	15.41
PTO2	BTP-2Cl-delta,H2	16.02	14.27	14.77	14.80	16.55	16.02	15.54	15.41

PFOPB	Y26	17.16	15.20	14.07	14.37	16.77	14.84	15.09	15.40
J52-2Cl	PT2IC-4Cl	15.49	14.29	15.21	15.96	16.07	15.40	14.28	15.40
PTO2	eC9-2Cl	16.13	13.96	14.75	15.00	16.61	15.97	15.66	15.40
PTQ11	BO-4Cl	16.69	15.31	14.96	15.27	16.28	13.92	12.03	15.40
SM1-F	BTP-4Cl,eC9	16.42	15.47	14.54	14.11	15.69	16.16	15.62	15.40
SM1-F	BTP-eC9	16.42	15.47	14.54	14.11	15.69	16.16	15.62	15.40
PBDE-DFDT	S-WSeSe-Cl	16.67	16.27	14.57	13.01	16.21	15.66	15.38	15.40
TTFQx-T1	BTIC-2Cl-yCF3	16.16	15.49	14.20	14.22	15.54	16.79	14.43	15.40
J62	eC9-2Cl	15.28	14.65	15.10	15.06	16.55	15.75	12.96	15.40
PBTA-PSF	PT2IC-4Cl	15.34	14.85	14.77	16.45	16.33	14.65	13.23	15.40
PDTB-EF-T	BTIC-CF3-y	16.05	16.06	13.97	13.95	16.44	15.91	14.70	15.40
W1	BTP-2Cl-delta,H2	15.57	14.42	14.79	15.03	16.64	15.94	14.70	15.40
PBQ-4F	PTIC-4Cl	16.05	14.36	14.81	14.53	15.84	16.79	14.35	15.40
J101	BO-4Cl	15.74	13.26	16.37	16.65	14.56	15.78	13.94	15.40
W1	TPQx-6F	16.62	16.24	13.86	14.67	15.59	15.39	13.20	15.40
PBDB-TSCl	TPQx-6F	16.88	14.91	13.91	15.20	16.39	15.09	14.15	15.40
PBDB-T-2Cl	BTP-2Cl-delta,H2	15.57	14.93	15.15	15.03	16.00	15.69	14.95	15.40
PBFTT	AQx	16.69	16.31	14.08	15.04	15.10	15.15	13.87	15.40
PDBT-2F	SY1	16.05	15.28	13.72	15.46	17.05	14.81	14.14	15.40
PDBT-Cl	BTP-2Cl-delta,H2	15.94	14.76	14.79	15.24	16.36	15.28	15.07	15.39
J52-2F,J52-F,PFBZ	Y9-2Br	14.94	15.03	15.17	15.11	16.25	15.86	15.05	15.39
W1	eC9-2Cl	15.68	14.16	14.73	15.23	16.65	15.92	14.82	15.39
J62	Y11	16.20	16.80	14.45	14.75	14.82	15.33	11.12	15.39
PBDB-T-2Cl	Y18	15.87	15.92	14.63	14.58	15.26	16.09	15.15	15.39
P-FT	Y9-2Br	15.10	14.86	15.30	14.93	16.38	15.78	14.78	15.39
PBQ-4F	HDO-4Cl	15.98	14.58	14.46	14.34	15.90	17.10	14.85	15.39
PBT1-EH	BTIC-F-m	17.04	16.18	13.53	14.21	15.40	15.99	13.25	15.39
PE4	Y6-2Se	13.48	16.03	14.88	15.70	16.65	15.61	14.86	15.39
PFBDB-T	N3	15.55	15.77	14.32	14.27	16.05	16.37	15.13	15.39
P2F-EHp	LL4	16.92	13.13	15.39	16.28	16.20	14.41	23.38	15.39
Qx-12F	S-WSeSe-Cl	16.30	14.65	13.74	16.78	16.56	14.29	16.19	15.39
PDBT-2F	MS-4Cl	15.72	13.75	13.78	16.40	17.18	15.49	14.27	15.39
P-FT	PTIC-4Cl	15.64	14.08	15.29	15.45	15.79	16.08	14.12	15.39
PE4	Y6-BO	14.78	15.35	14.34	15.30	16.95	15.60	14.52	15.39
PE4	Y12	14.78	15.35	14.34	15.30	16.95	15.60	14.52	15.39
PBDTS-Se-TAZ	MS-4Cl	16.14	13.87	15.01	16.07	16.28	14.94	12.80	15.39
PBDTS-NQx	LL3	17.81	16.38	15.68	15.16	11.94	15.35	20.47	15.39
PBCT-2F	BDTP-4F	17.04	15.84	14.60	14.70	14.32	15.82	16.74	15.39
PDBT-2F	N3	16.34	14.47	13.44	15.59	17.21	15.26	13.34	15.38
BO2FC8	TPQx-6F	16.03	15.77	14.32	14.31	16.25	15.63	13.28	15.38
PBDB-T-2Cl	L8-BO	15.18	16.10	14.76	14.76	15.41	16.08	15.22	15.38
PTQ11	Y19	16.69	15.61	14.81	15.12	16.14	13.92	12.21	15.38
PBT1-EH	Y22	17.59	16.17	13.81	14.40	14.20	16.12	12.24	15.38
PCl(4)BDB-T	PTIC-4Cl	15.64	15.31	15.22	15.49	14.42	16.21	14.97	15.38
PBT1-EH	TPQx-6F	17.07	16.09	13.92	14.59	14.94	15.69	11.90	15.38
PCl(4)BDB-T	BTP-S9	15.09	16.13	15.04	15.25	14.44	16.32	15.33	15.38

PBFTT	Y11	16.45	16.19	13.65	14.58	16.17	15.23	14.91	15.38
L810	PT2IC-4Cl	15.46	14.30	15.21	15.90	16.03	15.37	14.27	15.38
TTFQx-T1	Y11	16.54	14.62	14.44	14.18	15.41	17.06	13.63	15.38
J62	BPS-4F	14.39	16.85	14.41	15.35	15.46	15.80	11.68	15.38
PBDTS-TDZ	BTTPC-Br	14.95	15.41	14.97	16.00	14.22	16.71	15.18	15.38
PTBB-m	A-WSSe-Cl	15.43	16.87	14.72	15.44	13.30	16.50	12.76	15.38
J62	BTP-2Cl-delta,H2	15.13	14.85	15.15	14.91	16.46	15.76	12.89	15.38
2T-TTC-BDTFT	Y6-1O	16.06	15.04	13.68	13.64	17.07	16.75	14.44	15.38
PBT-Cl	PT2IC-4Cl	15.45	14.89	15.39	15.95	14.15	16.42	14.55	15.38
BTR-Cl	LL3	17.34	14.31	15.56	14.51	15.23	15.29	21.30	15.38
PE4	Y11	15.23	15.63	14.25	14.90	16.43	15.80	14.44	15.37
SZ5	BTN-4F	15.92	15.10	14.46	14.13	16.96	15.66	15.41	15.37
J91	A-WSSe-Cl	14.47	15.37	14.40	16.74	15.98	15.26	13.42	15.37
PDBT-2F	Y18	16.14	14.71	13.57	15.15	17.14	15.51	13.49	15.37
PBT1-EH	BP5T-4F	17.07	16.16	13.93	14.83	14.25	16.00	12.01	15.37
P-FT	MS-4Cl	15.80	13.06	15.13	15.45	16.67	16.13	14.27	15.37
J52-2Cl	SY3	15.09	14.84	14.98	15.50	16.31	15.51	14.66	15.37
PBBSe-Cl	BTP-S9	15.23	16.00	14.47	15.80	15.92	14.80	15.23	15.37
PDBT-2F	BTPTT-4F,Y6	16.25	14.49	13.55	15.46	17.13	15.34	13.31	15.37
BSCl-C2	Y19	17.11	14.56	14.69	14.63	15.76	15.46	13.29	15.37
PTQ10,PTQ-10	A-WSSe-Cl	16.21	16.70	14.77	12.89	15.45	16.19	13.35	15.37
QX2	BTP-ClBr1	15.28	15.15	14.14	16.43	15.30	15.91	12.90	15.37
PTQ11	BTP-eC9	16.58	15.36	14.91	15.27	16.25	13.84	11.93	15.37
PTQ11	BTP-4Cl,eC9	16.58	15.36	14.91	15.27	16.25	13.84	11.93	15.37
PBQx-TF	BTP-PhC6,p-BTP-C6Ph	16.10	17.77	11.73	15.56	16.01	15.03	16.26	15.37
PBDB-T-2Cl	ABP4T-4F	15.10	15.95	14.82	14.97	15.44	15.93	15.20	15.37
PBZ-ClSi	BTP-S9	15.18	14.08	15.76	16.27	15.92	14.99	13.91	15.37
J61	eC9-2Cl	15.40	14.79	15.34	14.83	16.45	15.39	13.41	15.37
P2F-EHp	BTIC-BO-4Br	16.30	15.15	14.18	16.02	16.31	14.25	13.83	15.37
P-CIT	BTP-ClBr	15.37	14.44	15.48	15.45	16.03	15.42	14.59	15.36
J52-Cl	PT2IC-4Cl	15.42	14.17	15.08	15.90	15.93	15.66	14.08	15.36
2T-TTC-BDTFT	BTP-6F	15.98	14.75	13.82	14.01	16.90	16.71	13.95	15.36
SZ5	BTTPC-Br	15.24	14.34	14.88	15.79	15.87	16.03	15.51	15.36
PBB-Cl	LL3	17.71	16.22	15.57	16.16	11.93	14.57	28.59	15.36
PBB-F	BPS-4F	15.53	17.41	11.80	14.60	16.40	16.40	17.61	15.36
PBQx-TF	BTN-4F	16.11	17.94	11.67	15.44	17.39	13.60	16.42	15.36
SM1-S	BTP-ClBr	16.90	15.28	14.60	14.05	15.36	15.94	13.65	15.36
PFBDB-T	eC9-2Cl	15.62	14.53	15.07	14.77	16.34	15.81	15.06	15.36
PBDTS-TDZ	BTP-2Cl-delta,H2	15.85	15.58	14.94	15.21	14.22	16.32	15.29	15.36
PDBT-2F	Y11	15.97	14.88	13.23	15.41	17.14	15.49	13.69	15.36
QX2	BTIC-BO-4Br	15.48	15.04	14.10	16.60	15.13	15.77	13.16	15.35
PBCIT,PCE10-2Cl	BTP-S1	16.80	13.65	15.44	15.44	15.98	14.80	15.41	15.35
PFOPB	BTDTP-4F	16.98	15.09	14.15	15.13	16.31	14.46	14.88	15.35
J52-2F,J52-F,PFBZ	Y11	15.28	15.93	14.42	14.86	15.82	15.81	14.00	15.35

P-FT	BTIC-2Br-m,TPT10	14.96	14.95	15.21	14.99	16.37	15.63	14.88	15.35
PBDTS-TDZ	eC9-2Cl	15.96	15.43	14.86	15.34	14.22	16.30	15.40	15.35
SM1-S	A-WSSe-Cl	16.83	15.23	14.39	14.01	15.37	16.28	13.09	15.35
PDBT-2F	BTP-2F-ThCl	16.08	15.11	13.78	15.48	16.77	14.89	13.75	15.35
PTQ10,PTQ-10	BTP-ClBr	16.12	16.54	14.97	13.14	15.59	15.75	13.93	15.35
PBDB-TSCl	BDTP-4F	16.31	14.49	14.64	15.19	17.04	14.44	14.80	15.35
PFBDB-T	BTPTT-4F,Y6	15.35	15.98	14.21	14.17	15.96	16.43	15.12	15.35
PBCT-2F	eC9-2Cl	16.07	15.02	15.05	15.27	14.39	16.30	16.53	15.35
PBDTT1Cl	LL4	16.22	15.85	15.31	15.73	14.58	14.40	23.54	15.35
PBDTS-Se-TAZ	PT2IC-4Cl	15.38	14.99	14.81	16.16	15.80	14.93	12.09	15.35
PBQ-4F	BTIC-2Br-m,TPT10	15.62	15.09	14.72	14.10	16.13	16.40	15.10	15.35
P-FT	HDO-4Cl	15.47	14.29	14.91	15.23	15.93	16.25	14.64	15.35
L810	SY3	15.06	14.85	14.97	15.45	16.25	15.48	14.65	15.35
TTFQx-T1	BTP-2F-ThCl	16.21	15.18	14.98	14.11	15.49	16.10	13.78	15.35
J11	PT2IC-4Cl	15.42	14.66	15.26	16.07	15.84	14.82	14.51	15.35
PFBDB-T	BTP-2Cl-delta,H2	15.52	14.79	15.06	14.61	16.27	15.83	14.90	15.35
SZ5	Y6-O	16.35	15.06	13.08	14.20	17.07	16.31	16.57	15.34
PBCIT,PCE10-2Cl	LL3-2Cl	16.56	14.69	14.23	15.23	16.17	15.19	15.45	15.34
PBQ-4F	CH1007	15.65	15.66	13.80	14.44	15.52	17.00	14.79	15.34
P-4FP,P-FP	Y9-2Br	15.40	14.76	15.08	15.11	16.36	15.36	14.86	15.34
PTQ10,PTQ-10	BTP-ClBr2	16.17	16.50	14.77	12.98	15.67	15.97	13.06	15.34
J61	BTP-2Cl-delta,H2	15.25	15.01	15.41	14.70	16.32	15.37	13.35	15.34
PCl(4)BDB-T	SY3	15.25	15.76	15.17	15.18	14.59	16.11	15.28	15.34
PE4	BPS-4F	13.51	15.84	14.80	16.12	16.41	15.37	15.37	15.34
PBTA-PSF	PTIC-4Cl	15.43	14.64	14.69	16.33	16.20	14.76	13.14	15.34
P-CIT	A-WSSe-Cl	15.45	14.12	15.34	15.23	15.99	15.91	14.63	15.34
HFQx-T	BTP-S9	16.08	15.05	14.44	14.95	15.09	16.43	13.20	15.34
PCl(4)BDB-T	TB-4Cl	15.40	16.21	14.93	15.18	14.02	16.30	15.42	15.34
PBCT-2F	TPQx-6F	17.22	16.78	14.03	14.76	12.84	16.41	15.95	15.34
PBCT-2F	BTP-2Cl-delta,H2	15.96	15.21	15.12	15.10	14.30	16.34	16.41	15.34
PBDTS-TDZ	BTP-FCl-FCl	15.89	16.13	14.45	15.48	13.48	16.61	15.15	15.34
PTO2	BDTP-4F	16.85	14.08	14.61	14.43	17.28	14.78	15.45	15.34
TPD-3F	Y6-O	16.78	16.50	12.81	13.15	17.18	15.61	14.29	15.34
PBQx-TF	BTP-Se	15.80	16.76	12.29	15.24	16.40	15.53	10.45	15.34
PBDT-3TCO	SY1	16.48	15.62	13.95	13.15	17.44	15.38	16.09	15.34
QX2	BTP-ClBr	15.24	15.20	14.49	16.42	15.31	15.37	13.50	15.34
J61	BTIC-2Cl-yCF3	15.54	16.68	14.20	14.34	16.17	15.09	12.31	15.34
PDTB-EF-T	BTIC-F-m	16.14	16.24	13.08	14.43	15.87	16.27	14.92	15.34
PDBT-2F	AQx	16.15	14.63	13.61	15.89	16.26	15.47	12.85	15.34
2T-TTC-BDTFT	TPQx-6F	16.36	15.38	13.68	13.94	16.50	16.16	13.43	15.33
PTO2	Y6-O	17.06	14.46	12.93	13.99	17.67	15.89	16.61	15.33
BSFTR	BO-4Cl	17.18	14.95	14.63	13.90	15.70	15.65	13.28	15.33

PBT1-EH	BTSe-4F	16.64	16.20	13.43	14.42	14.95	16.35	12.13	15.33
BO2FC8	Y6-1O	15.66	15.27	14.68	14.13	16.44	15.82	14.27	15.33
2T-TTC-BDTFT	BTTPC-Br	15.21	14.54	14.78	15.07	16.02	16.38	15.02	15.33
QX2	BTP-ClBr2	15.31	15.05	14.26	16.36	15.19	15.83	12.89	15.33
PE4	ABP4T-4F	14.65	15.24	14.52	15.28	16.74	15.56	14.31	15.33
PBT-Cl	Y9-2Br	15.64	15.46	15.24	15.11	14.49	16.04	15.05	15.33
PBB-F	BT-BO-L4F,BTP-S7	16.08	16.95	12.14	14.24	16.48	16.10	16.66	15.33
PBDT-S-2TC	SY3	16.80	15.45	14.84	13.70	15.17	16.00	12.58	15.33
PBDTS-TDZ	BTIC-2Cl-yCF3	15.94	16.34	13.35	15.25	14.23	16.87	15.35	15.33
PBDTSF-TZNT	BTP-2F-2Cl,SY2	15.32	13.83	13.92	15.93	16.65	16.32	13.86	15.33
HFQx-T	PT2IC-4Cl	15.88	14.35	14.67	15.28	15.35	16.44	13.62	15.33
W1	BTTPC-Br	14.72	14.54	14.79	15.76	15.97	16.17	14.77	15.32
PBTA-PSF	TB-4Cl	15.15	15.78	14.30	16.16	15.74	14.81	13.24	15.32
PE4	BTP-2F-ThCl	15.16	15.68	14.97	14.99	16.03	15.10	14.42	15.32
PBFTT	SY1	16.32	15.51	14.28	14.66	16.00	15.17	14.99	15.32
PE4	L8-BO	14.64	15.82	14.55	14.92	16.31	15.70	14.34	15.32
PFOPB	TPQx-6F	16.88	15.77	14.06	14.86	15.68	14.69	14.21	15.32
PBDS-TZ	LL4	17.45	13.34	14.60	15.57	15.18	15.78	25.03	15.32
PTQ10,PTQ-10	BTP-ClBr1	16.17	16.65	14.59	13.12	15.48	15.91	13.06	15.32
PBT1-EH	ABP4T-4F	17.05	16.14	13.94	14.56	14.23	15.99	11.93	15.32
PBQ-4F	SY1	16.02	15.29	14.50	13.54	15.94	16.61	14.28	15.32
J62	BTP-2F-ThCl	15.18	16.51	15.23	14.78	15.38	14.82	11.40	15.32
J101	Y19	16.48	13.27	16.04	16.10	14.28	15.73	13.75	15.32
PBDT-S-2TC	BTIC-2Br-m,TPT10	16.61	15.66	14.86	13.75	15.09	15.93	13.43	15.32
PDBT-F	BTCT-2Cl	16.05	14.41	15.47	15.27	15.30	15.39	14.42	15.32
PBDT-S-2TC	TB-4Cl	17.22	15.58	14.43	13.95	14.85	15.86	12.11	15.31
P-FT	SY1	15.23	15.30	15.08	14.36	16.16	15.77	14.03	15.31
J61	CH1007	15.57	17.12	14.03	15.07	14.87	15.22	12.52	15.31
SM1-F	Y19	16.42	15.62	14.31	13.82	15.51	16.20	15.46	15.31
J52-2Cl	BTP-S9	14.68	15.26	14.95	15.65	16.20	15.15	14.33	15.31
J11	SY3	14.90	15.27	15.02	15.44	16.02	15.20	14.83	15.31
PFBDB-T	BTDTP-4F	15.86	15.15	14.36	14.35	16.28	15.87	14.78	15.31
HFQx-T	Y9-2Br	15.65	14.80	14.58	14.60	16.17	16.05	14.51	15.31
PBDB-T-2Cl	Y22	15.95	15.76	14.69	14.32	15.29	15.87	15.10	15.31
PE4	N3	14.72	15.23	14.50	15.07	16.86	15.48	14.27	15.31
P-CIT	BTP-ClBr2	15.31	14.22	15.26	15.31	16.07	15.69	14.28	15.31
J61	BTP-FCl-FCl	15.55	16.79	15.25	14.62	15.69	13.95	11.75	15.31
PBT-Cl	SY3	15.19	15.28	15.15	15.53	14.40	16.29	14.88	15.31
J52-2Cl	TB-4Cl	15.12	15.04	14.78	15.46	15.92	15.52	14.57	15.31
PBT-Cl	PTIC-4Cl	15.52	14.76	15.27	15.80	14.13	16.35	14.46	15.31
PBB-F	Y11	16.62	16.95	12.27	14.22	15.78	16.00	16.64	15.31
PBDB-T-SF	BTIC-CF3-y	15.92	15.80	14.40	14.42	16.26	15.02	15.31	15.30
J101	BTP-4Cl,eC9	15.55	13.20	16.23	16.62	14.52	15.70	13.87	15.30
J101	BTP-eC9	15.55	13.20	16.23	16.62	14.52	15.70	13.87	15.30
TTFQx-T1	BT-BO-L4F,BTP-S7	16.08	14.91	14.51	14.22	15.35	16.75	13.26	15.30

W1	BDTP-4F	16.24	15.54	14.49	14.68	16.18	14.68	13.50	15.30
PDBT-2F	BTP-6F	16.24	14.00	13.13	16.03	17.14	15.26	13.16	15.30
PDBT-Cl	BTTPC-Br	15.21	14.19	14.77	16.00	15.80	15.82	15.18	15.30
PBDB-TSCl	BTTPC-Br	14.99	14.22	14.82	16.27	15.91	15.57	15.16	15.30
PTBB-m	BTP-ClBr2	15.34	16.57	14.75	15.47	13.38	16.26	12.48	15.30
P_chen,P105	BTP-ClBr	15.85	15.48	15.19	15.17	15.36	14.71	14.10	15.29
P-CIT	BTIC-BO-4Br	15.47	14.11	14.98	15.76	16.03	15.43	14.35	15.29
PBDTS-Se-TAZ	PTIC-4Cl	15.47	14.80	14.74	16.04	15.72	14.99	12.08	15.29
J62	BTTPC-Br	14.27	14.88	15.16	15.57	15.93	15.96	12.64	15.29
BSFTR	BTP-eC9	17.13	14.97	14.51	13.88	15.66	15.62	13.18	15.29
BSFTR	BTP-4Cl,eC9	17.13	14.97	14.51	13.88	15.66	15.62	13.18	15.29
PBN-S	BTP-PhC6,p-BTP-C6Ph	16.03	15.16	14.46	14.60	15.71	15.80	15.14	15.29
J52-2F,J52-F,PFBZ	BTP-2F-ThCl	15.04	15.84	15.13	14.92	15.74	15.09	14.10	15.29
J52-Cl	SY3	15.02	14.73	14.85	15.44	16.17	15.56	14.45	15.29
PBBSe-Cl	HDO-4Cl	15.32	15.38	14.58	15.79	15.67	15.01	15.52	15.29
SM1-S	BTP-ClBr2	16.91	15.09	14.32	14.01	15.39	16.03	12.74	15.29
W1	BTN-4F	16.15	15.88	14.27	14.22	16.40	14.81	13.90	15.29
J52-2Cl	PTIC-4Cl	15.45	14.10	15.10	15.80	15.93	15.36	14.19	15.29
J52-2Cl	MS-4Cl	15.86	13.16	14.95	15.73	16.71	15.32	14.40	15.29
PBT-Cl	BTIC-2Br-m,TPT10	15.22	15.51	15.17	15.26	14.68	15.89	15.12	15.29
PFBDB-T	TPQx-6F	15.61	15.86	14.18	14.16	16.07	15.84	14.15	15.29
P5T-2F	BTP-S1	14.71	17.51	14.87	16.64	12.72	15.26	16.16	15.29
PBDT-3TCO	BTP-FCl-FCl	16.20	15.58	14.18	13.47	17.60	14.68	16.34	15.29
PBT1-EH	BTP-Se	15.79	15.36	13.70	14.78	15.73	16.36	11.75	15.29
PDBT-F	BTIC-F-m	16.81	15.62	13.44	14.36	15.80	15.68	15.02	15.29
PE4	Y18	14.95	15.47	14.56	14.67	16.33	15.73	14.13	15.29
J52-Cl	BTP-S9	14.58	15.05	14.87	15.62	16.08	15.48	14.11	15.28
BSFTR	LL3-2Cl	17.15	15.14	14.46	13.65	15.63	15.67	13.12	15.28
L810	BTP-S9	14.64	15.26	14.94	15.59	16.15	15.11	14.31	15.28
PBQ-4F	BTP-FCl-FCl	15.82	14.94	14.52	13.94	15.66	16.80	14.07	15.28
J101	SY3	15.22	13.32	16.19	16.07	14.95	15.94	13.79	15.28
PBDB-T-2Cl	N3	15.26	15.66	14.78	14.82	15.31	15.85	15.16	15.28
W1	Y6-O	16.74	15.87	12.85	14.16	16.54	15.51	14.67	15.28
PBDT-S-2TC	PT2IC-4Cl	16.81	15.03	14.90	14.19	15.00	15.75	12.21	15.28
2T-TTC-BDTFT	BTSe-4F	15.85	15.47	13.21	13.68	16.82	16.64	14.41	15.28

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